

FIG. 1

FIG. 2

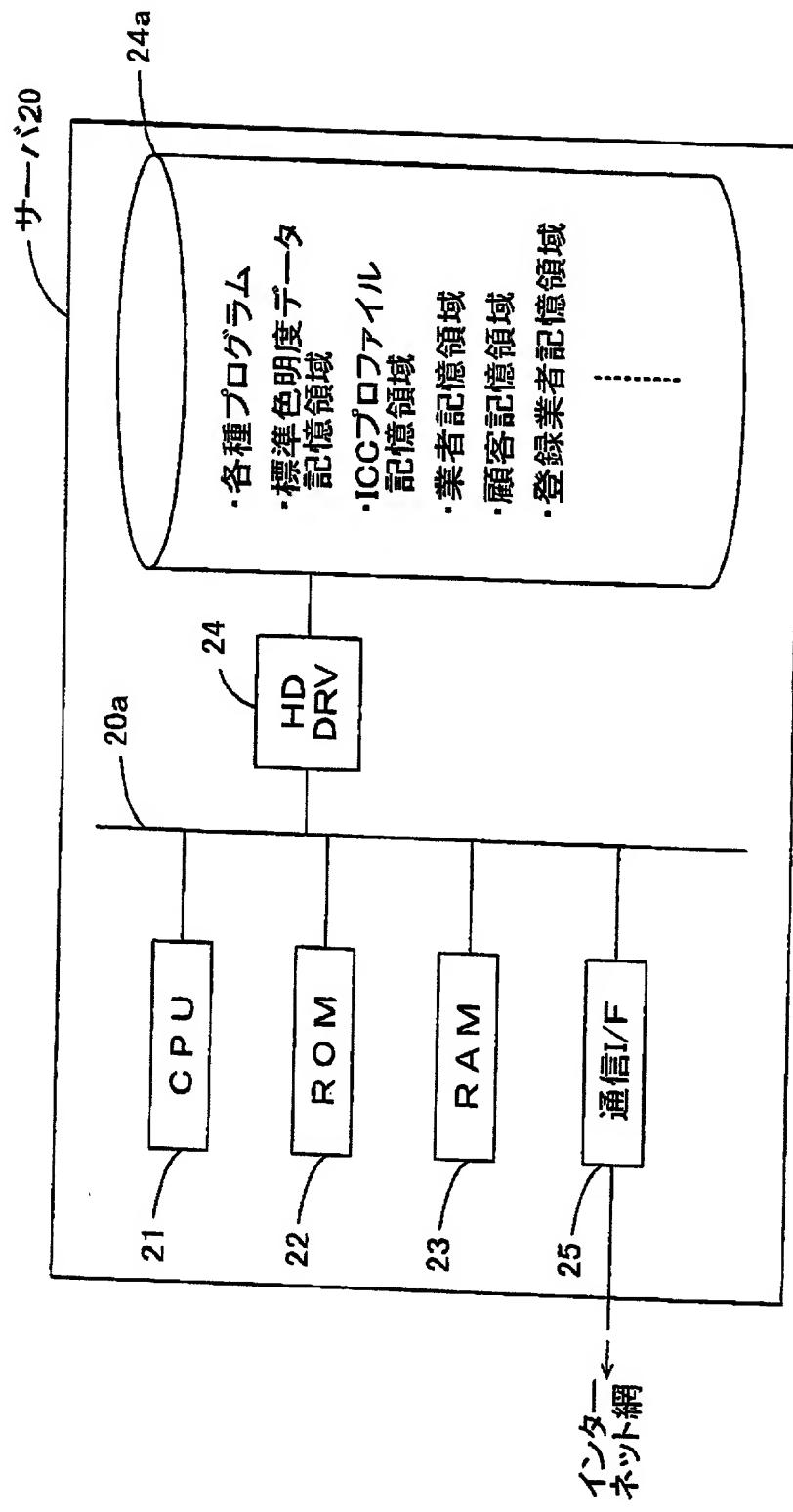


FIG. 3

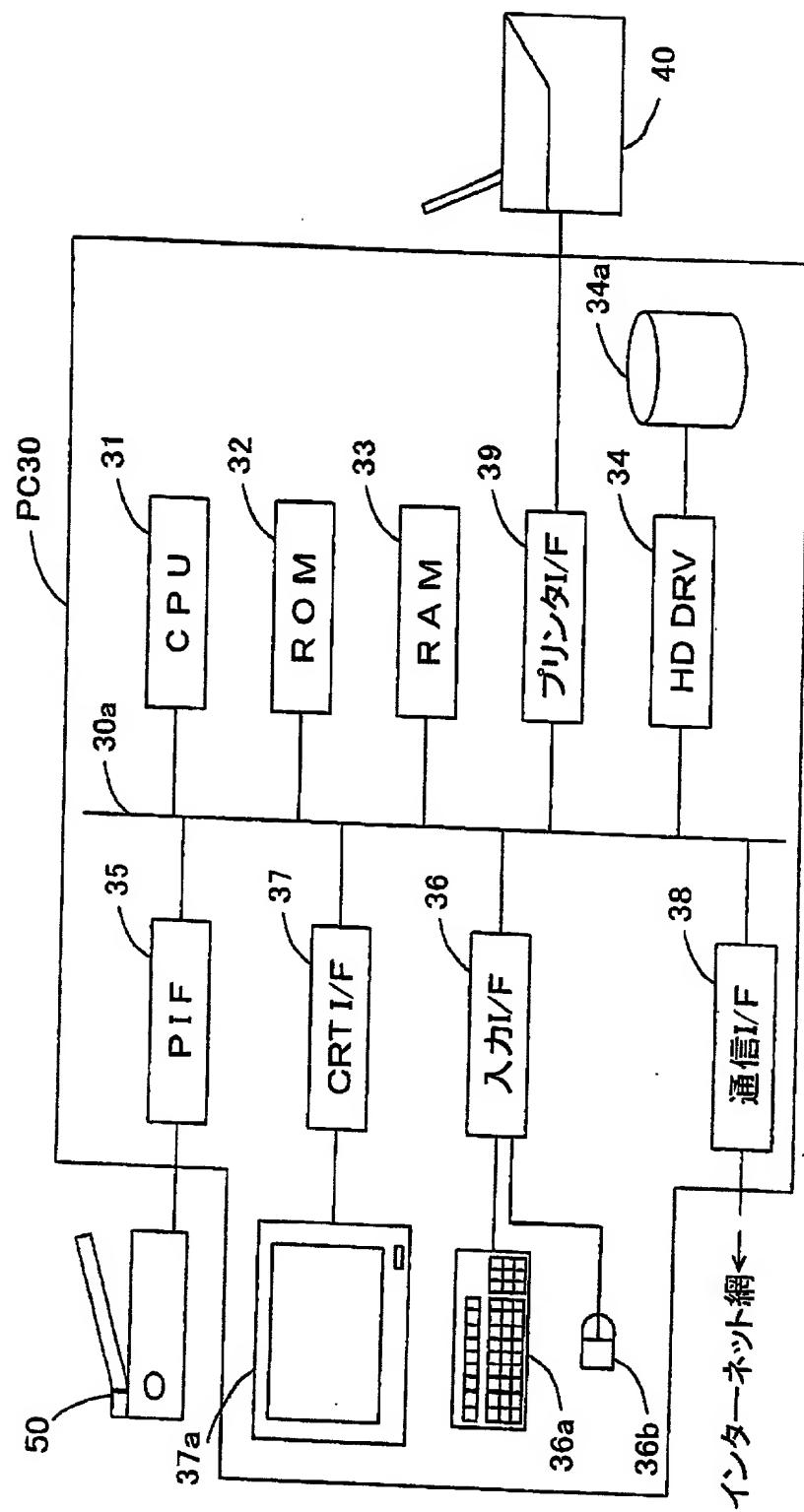
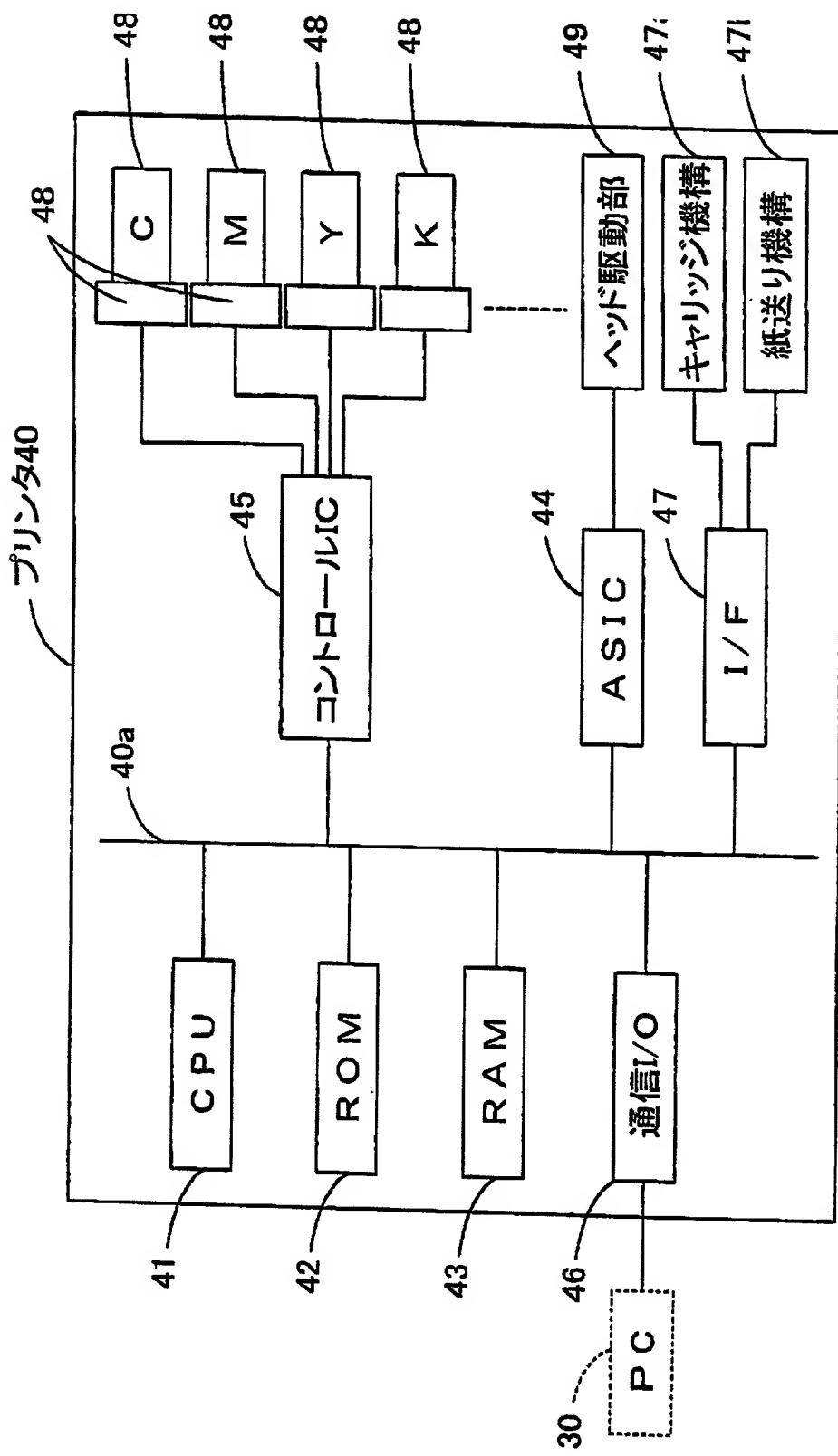


FIG. 4



30, 60…ペーナルコンピュータ(PC)

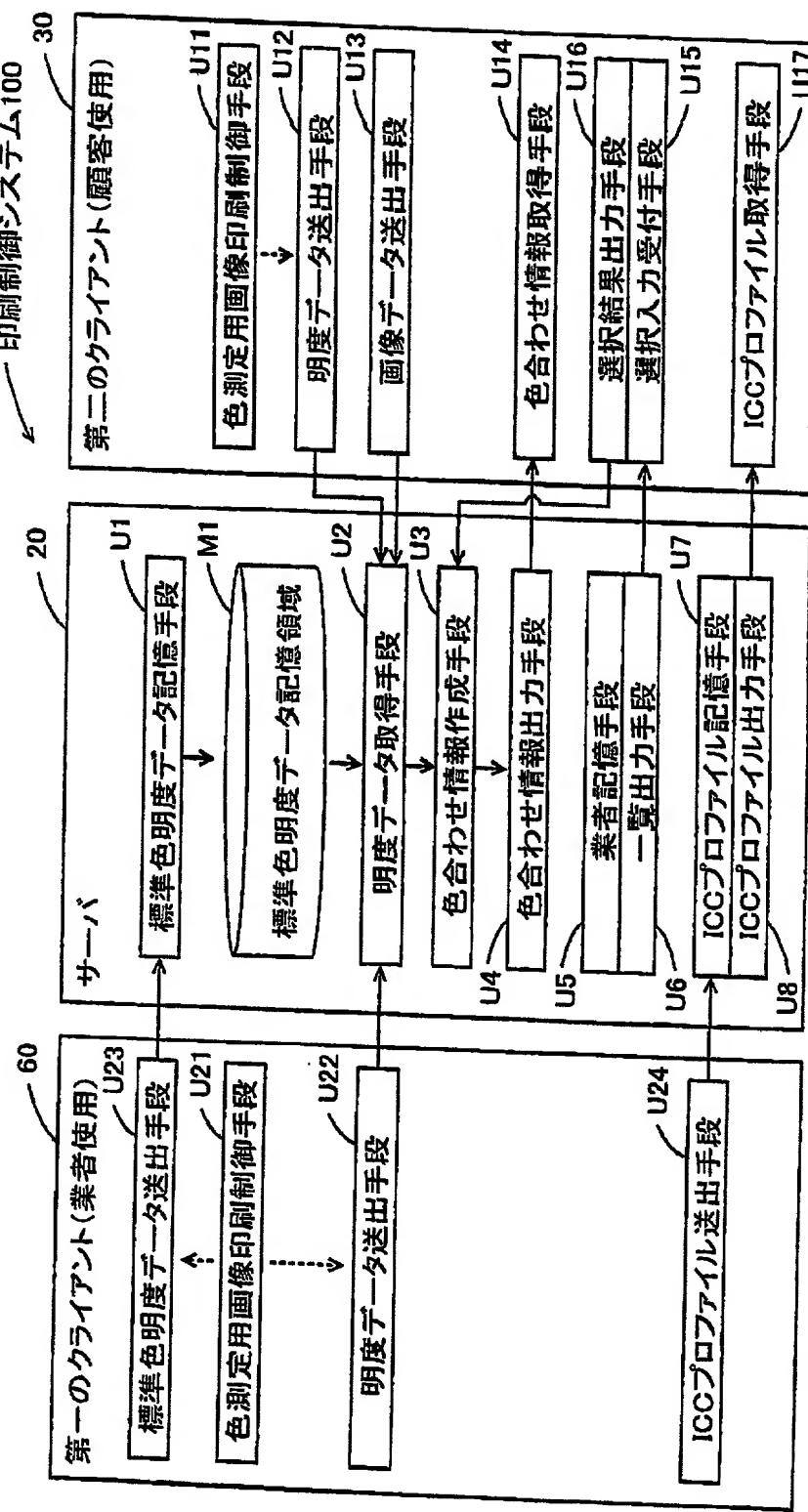


FIG. 5

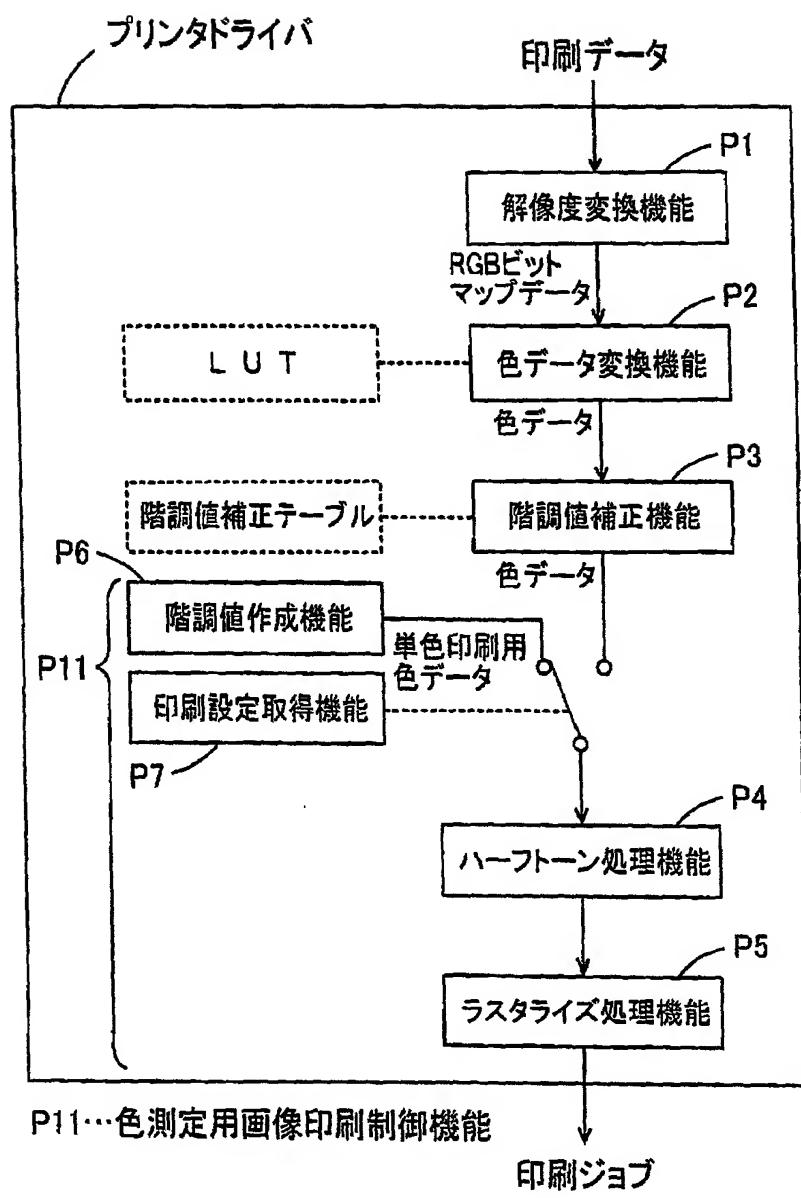


FIG.6

シアン用  
階調値補正テーブル

| 補正前 | 補正後 |
|-----|-----|
| 0   | 0   |
| 1   | 1   |
| 2   | 2   |
| ... | ... |
| 128 | 110 |
| ... | ... |
| 255 | 230 |

マゼンタ用  
階調値補正テーブル

| 補正前 | 補正後 |
|-----|-----|
| 0   | 0   |
| 1   | 1   |
| 2   | 2   |
| ... | ... |
| 128 | 145 |
| ... | ... |
| 255 | 255 |

FIG.7

17階調

Cのみ



Mのみ



Yのみ



Kのみ



←  
階調値小

→  
階調値大

FIG.8

**標準機** T11

| 階調値 | 明度データ (%) |
|-----|-----------|
| 0   | 94.2      |
| 1   |           |
| 2   |           |
| ... |           |
| 110 | 42.0      |
| ... |           |
| 128 | 40.0      |
| ... |           |
| 255 | 26.8      |

**ユーザ機** T12

| 階調値 (補正前) | 明度データ (%) |
|-----------|-----------|
| 0         | 94.2      |
| 16        |           |
| 32        |           |
| ...       |           |
| 128       | 42.0      |
| ...       |           |
| 255       | 28.1      |

T13

| 階調値 (補正前) | 階調値 (補正後) |
|-----------|-----------|
| 0         | 0         |
| 16        |           |
| 32        |           |
| ...       |           |
| 128       | 110       |
| ...       |           |
| 255       | 230       |

FIG. 9

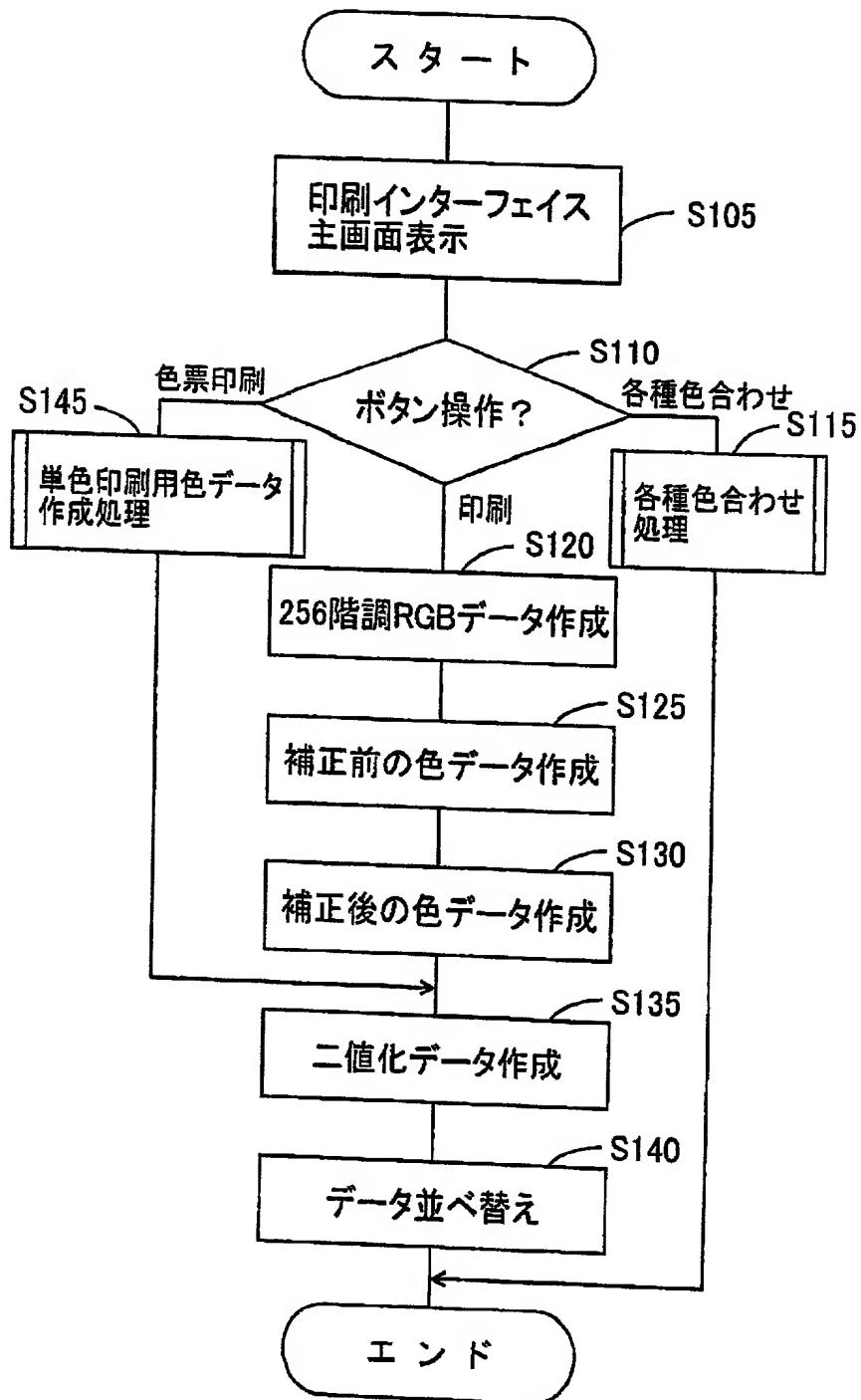


FIG. 10

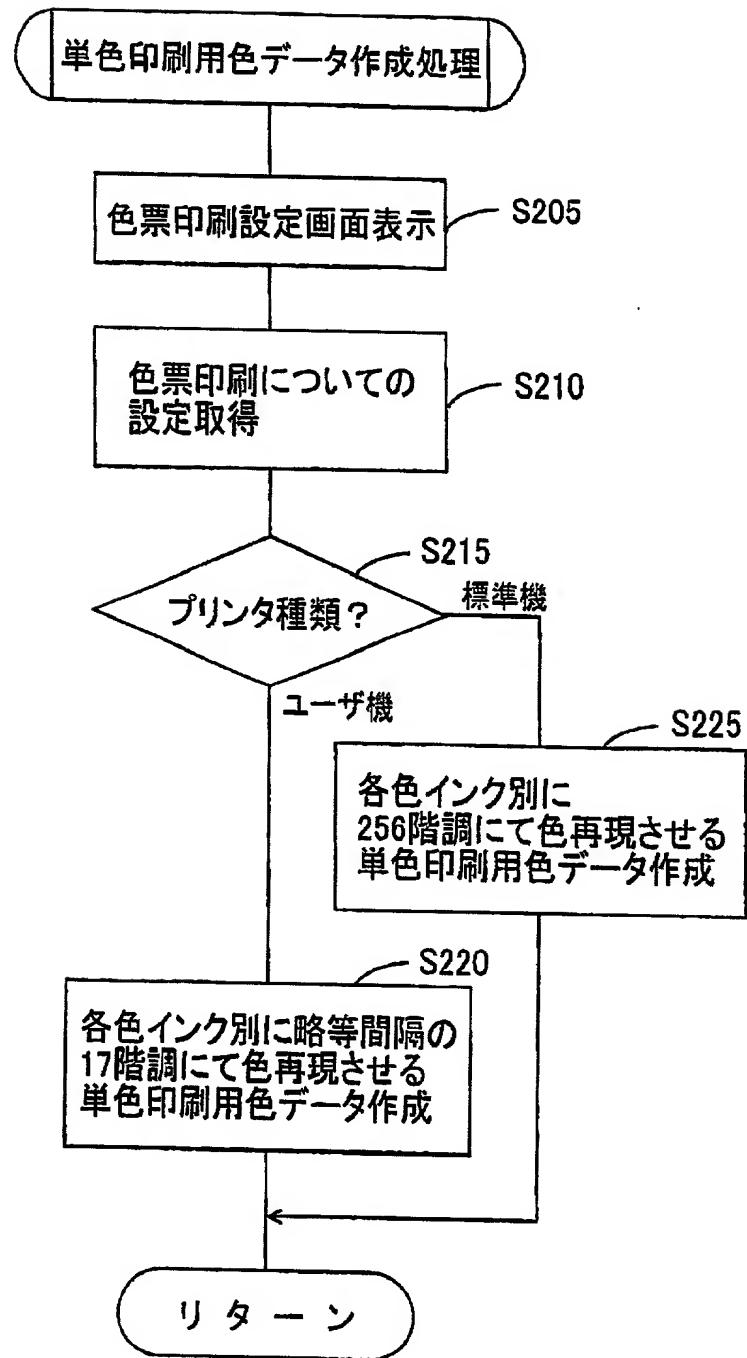


FIG.11

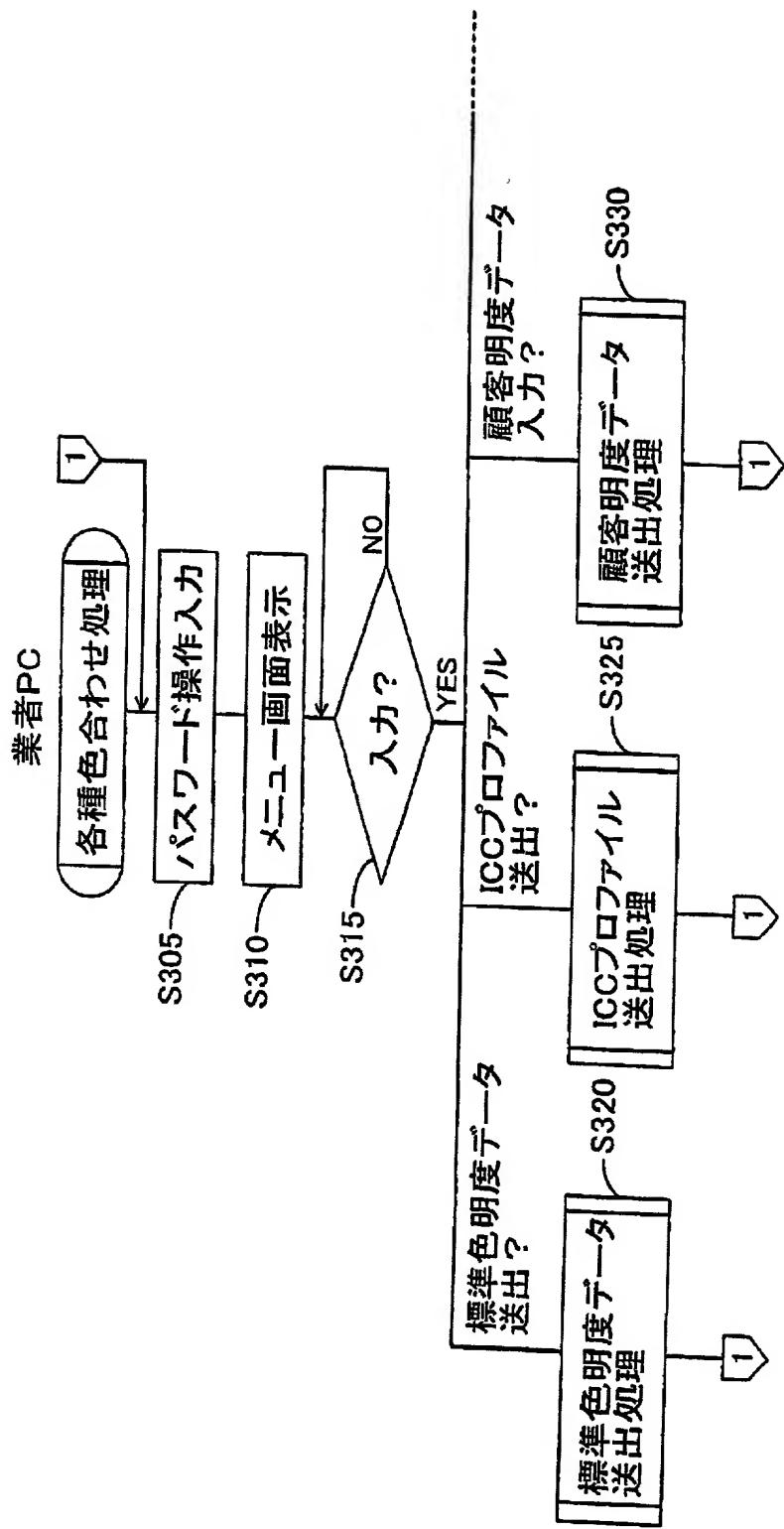


FIG. 12

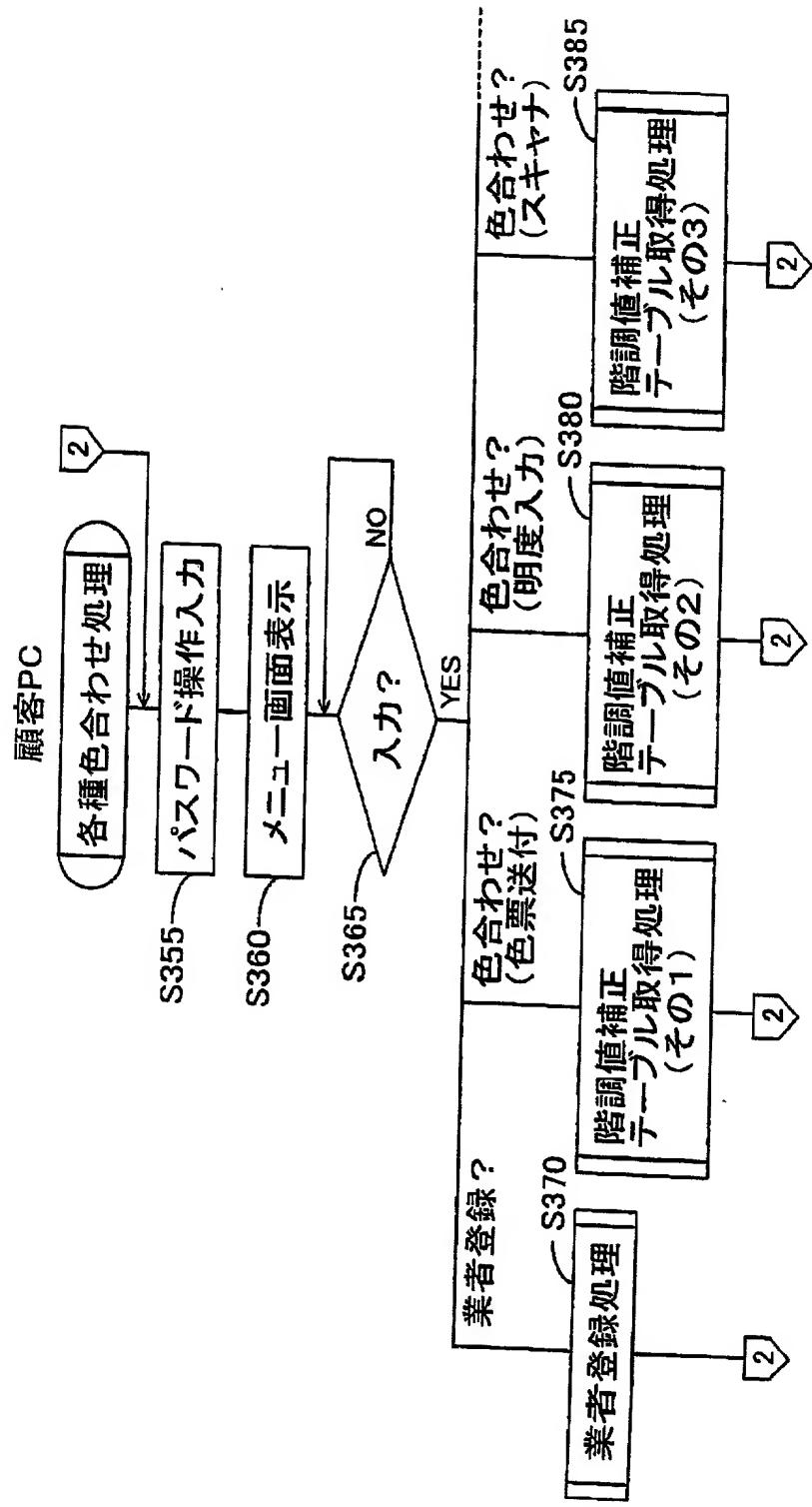


FIG. 13

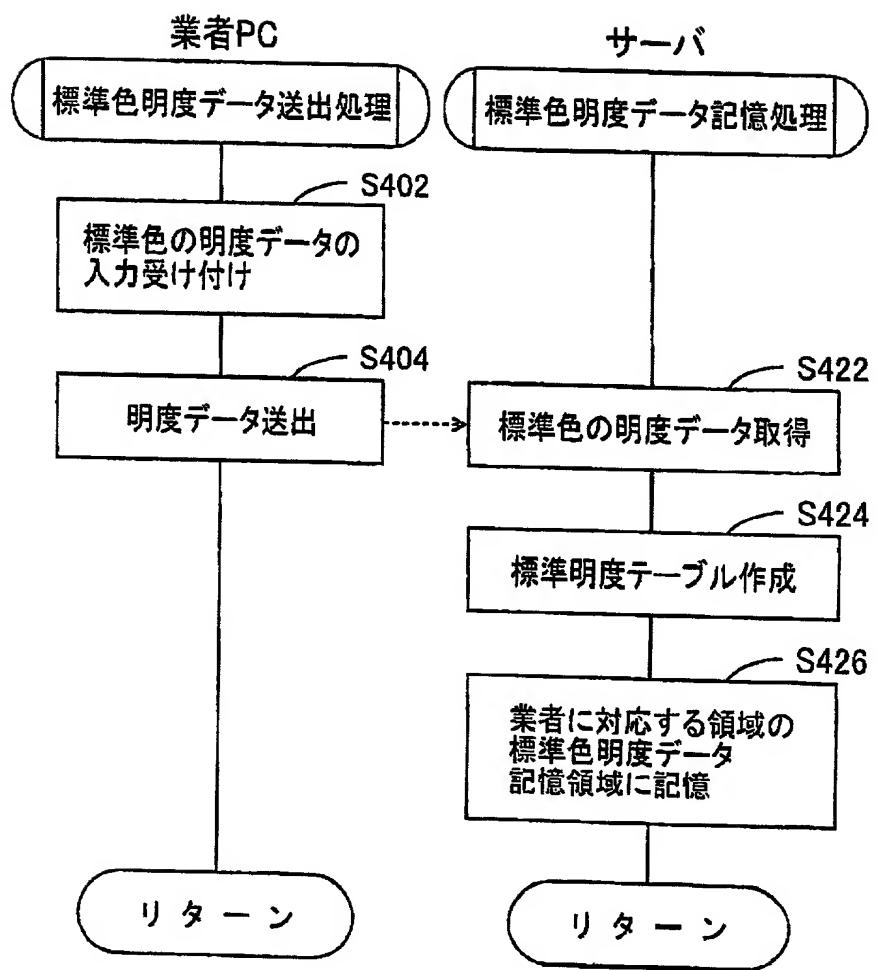


FIG.14

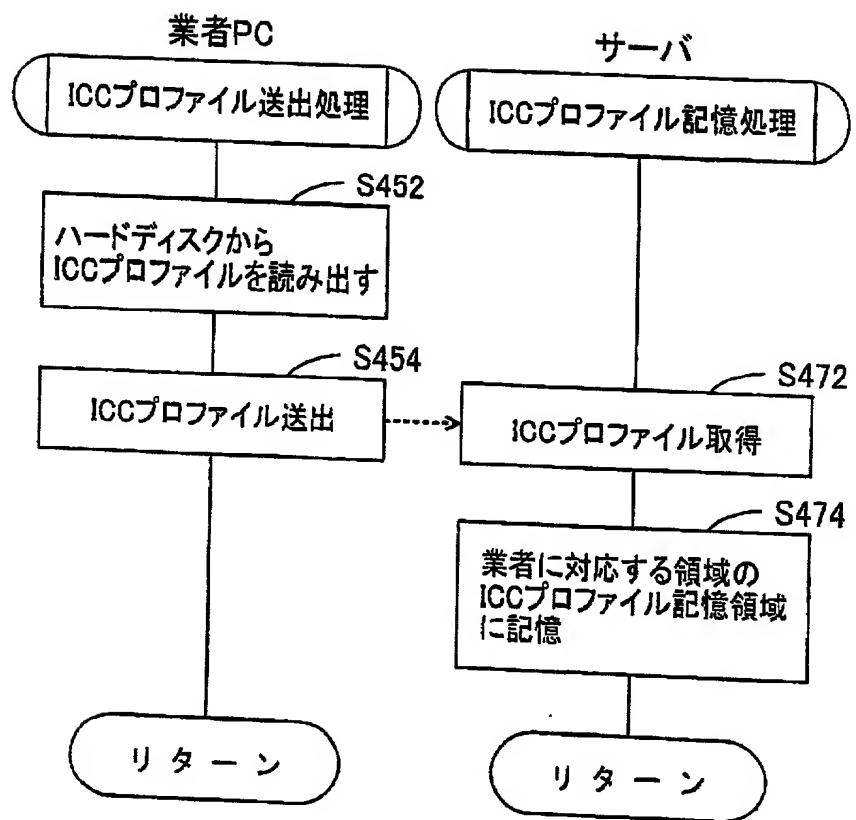


FIG.15

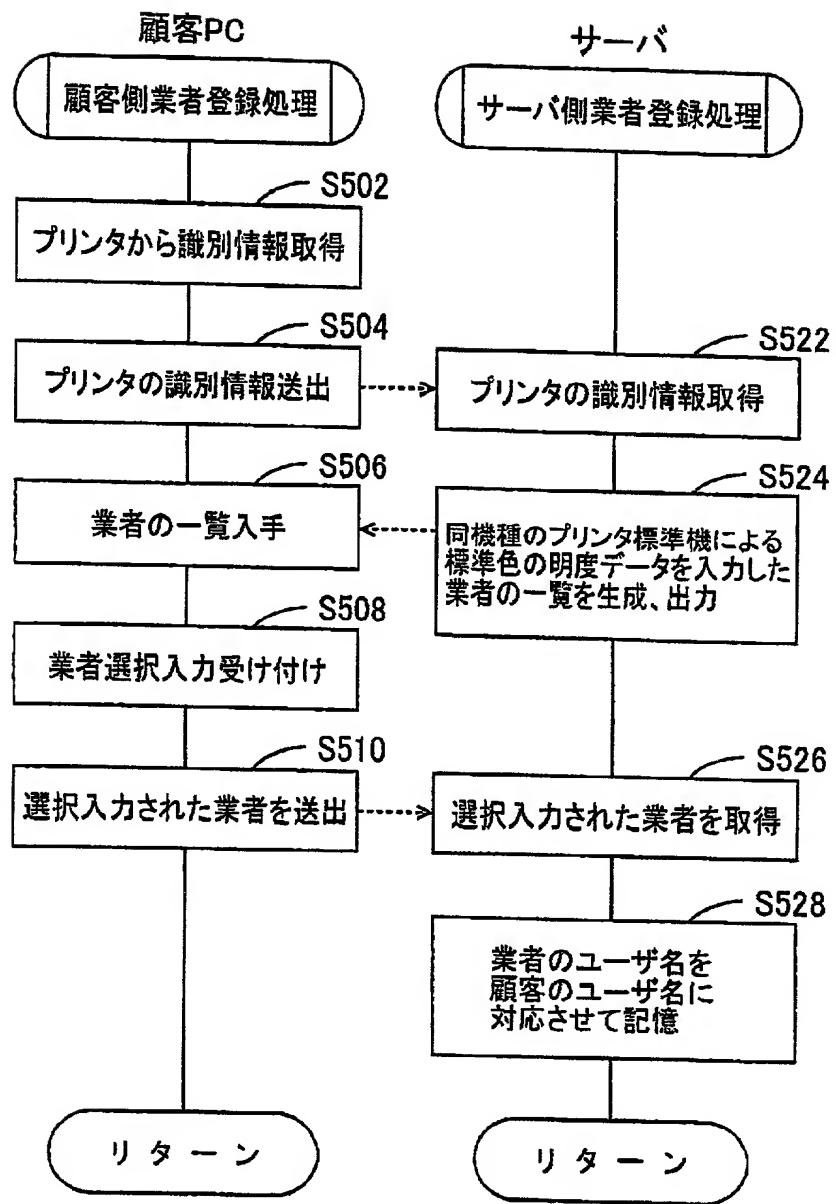
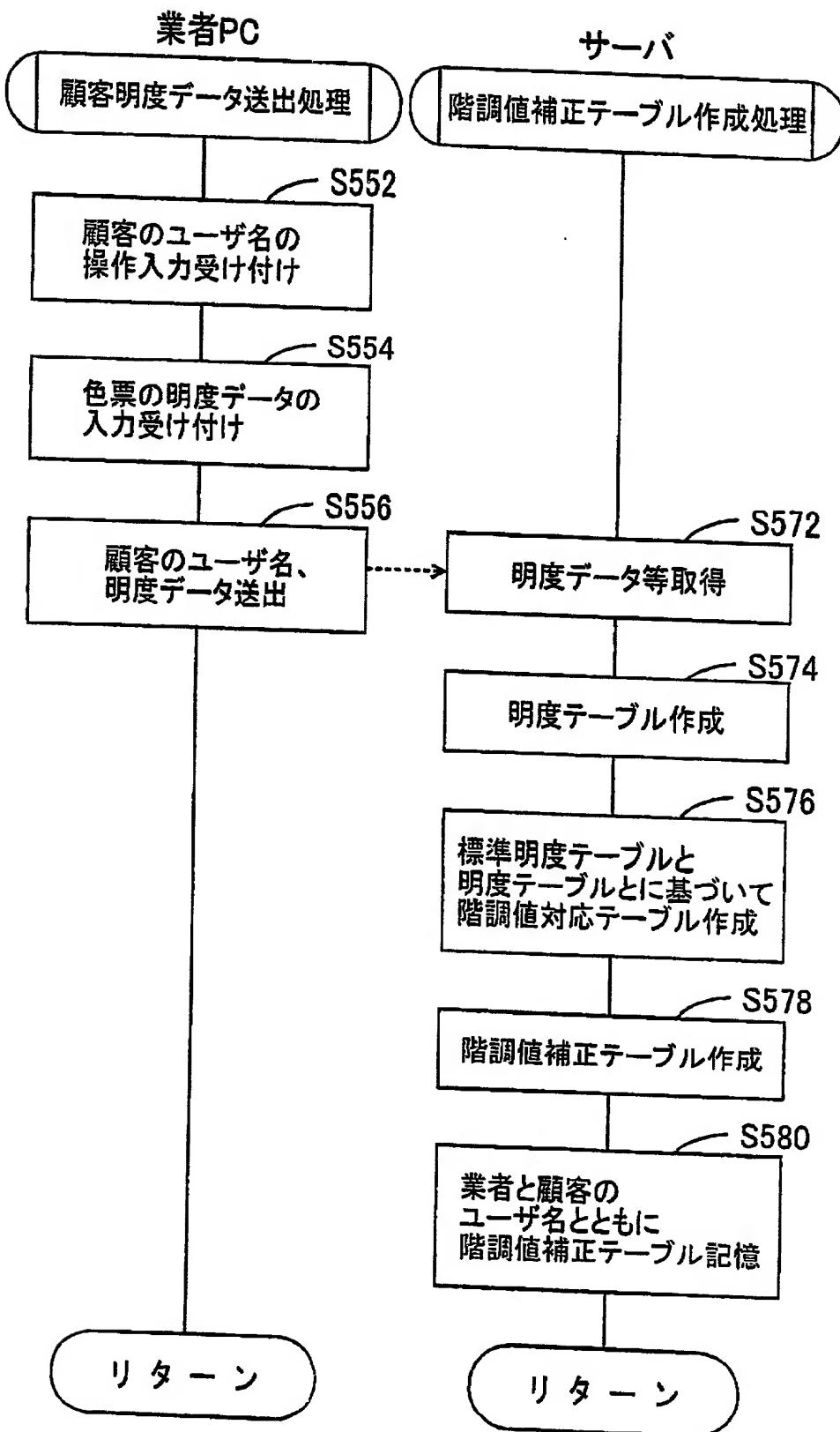


FIG.16



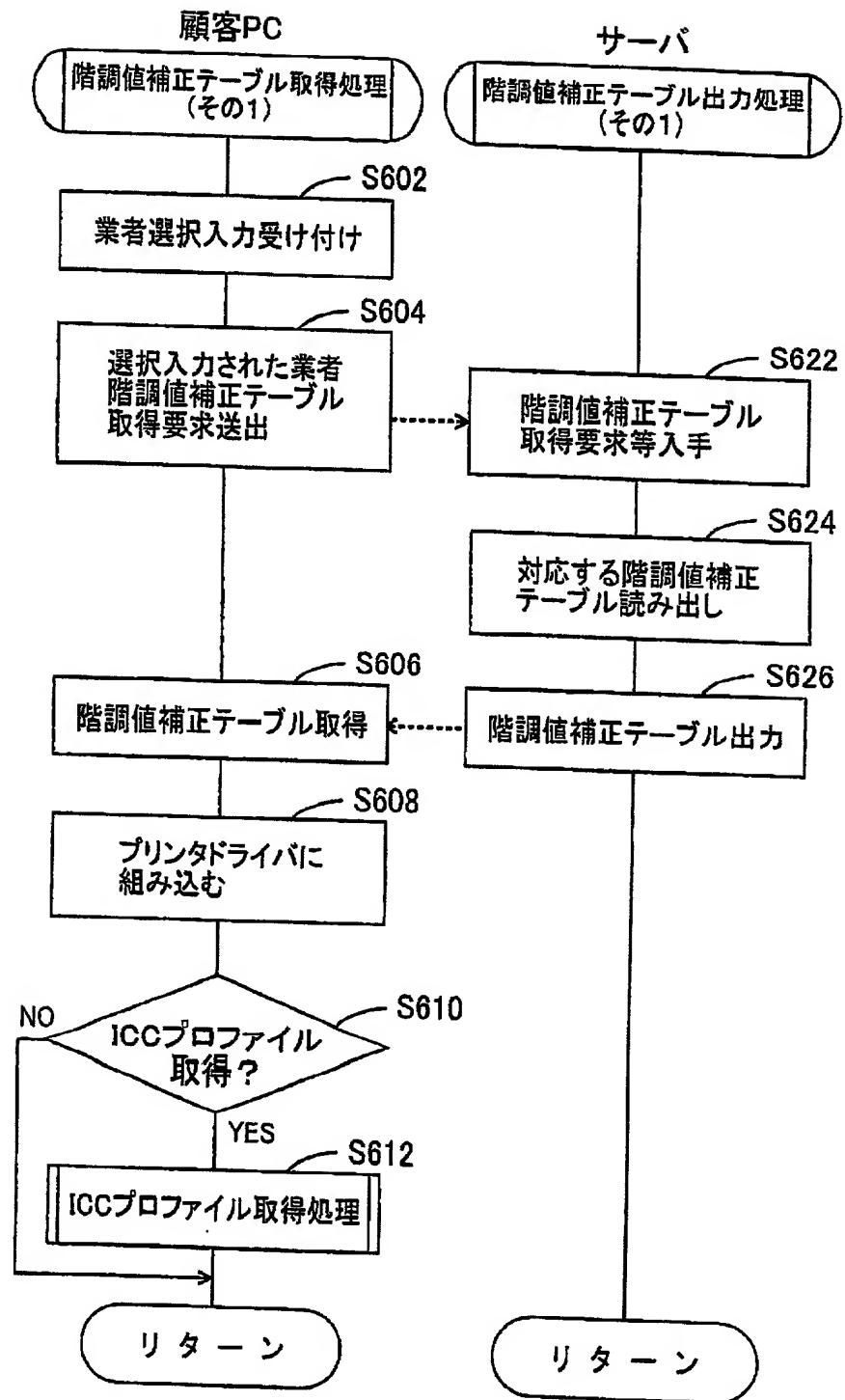


FIG.18

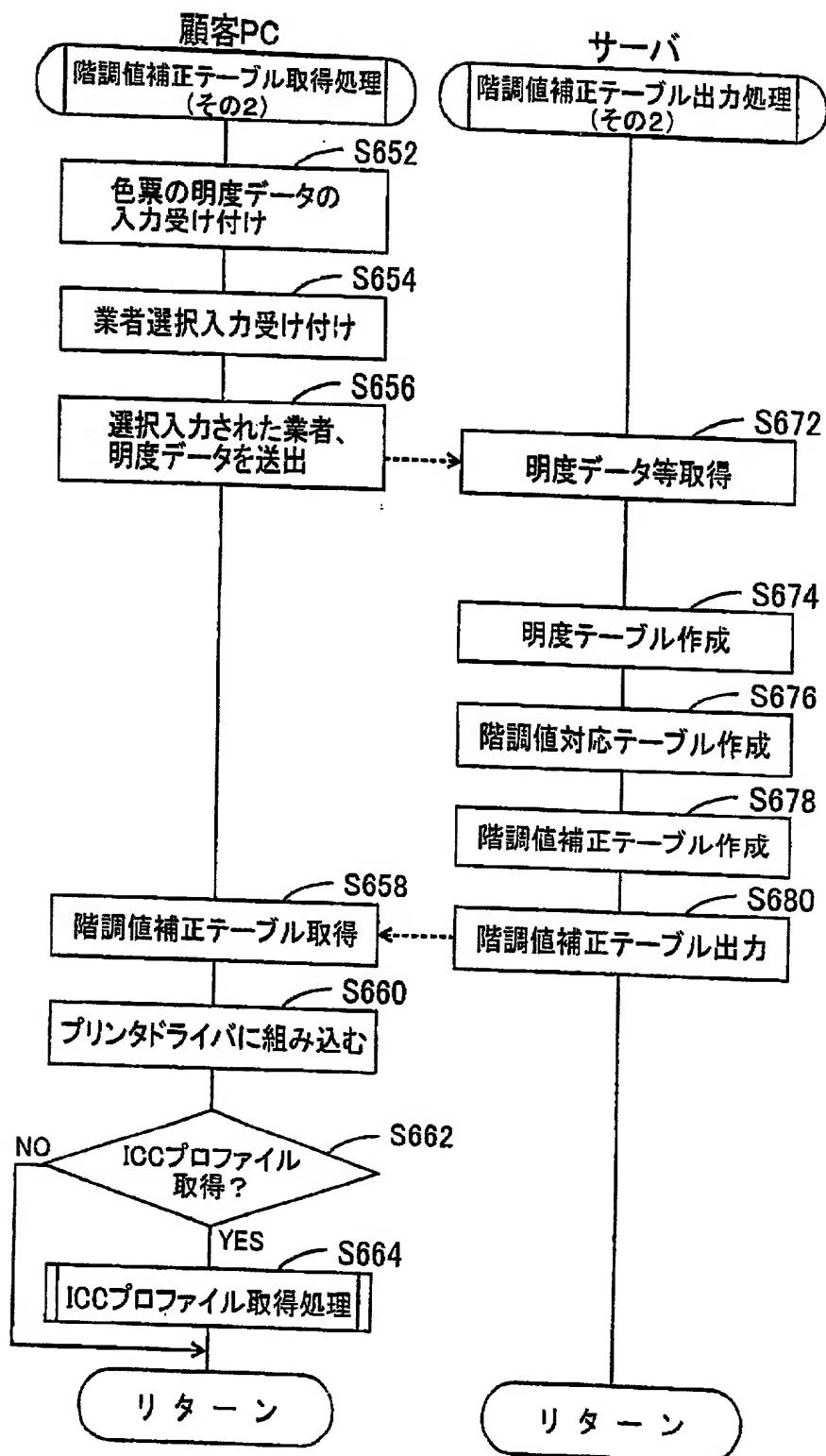


FIG. 19

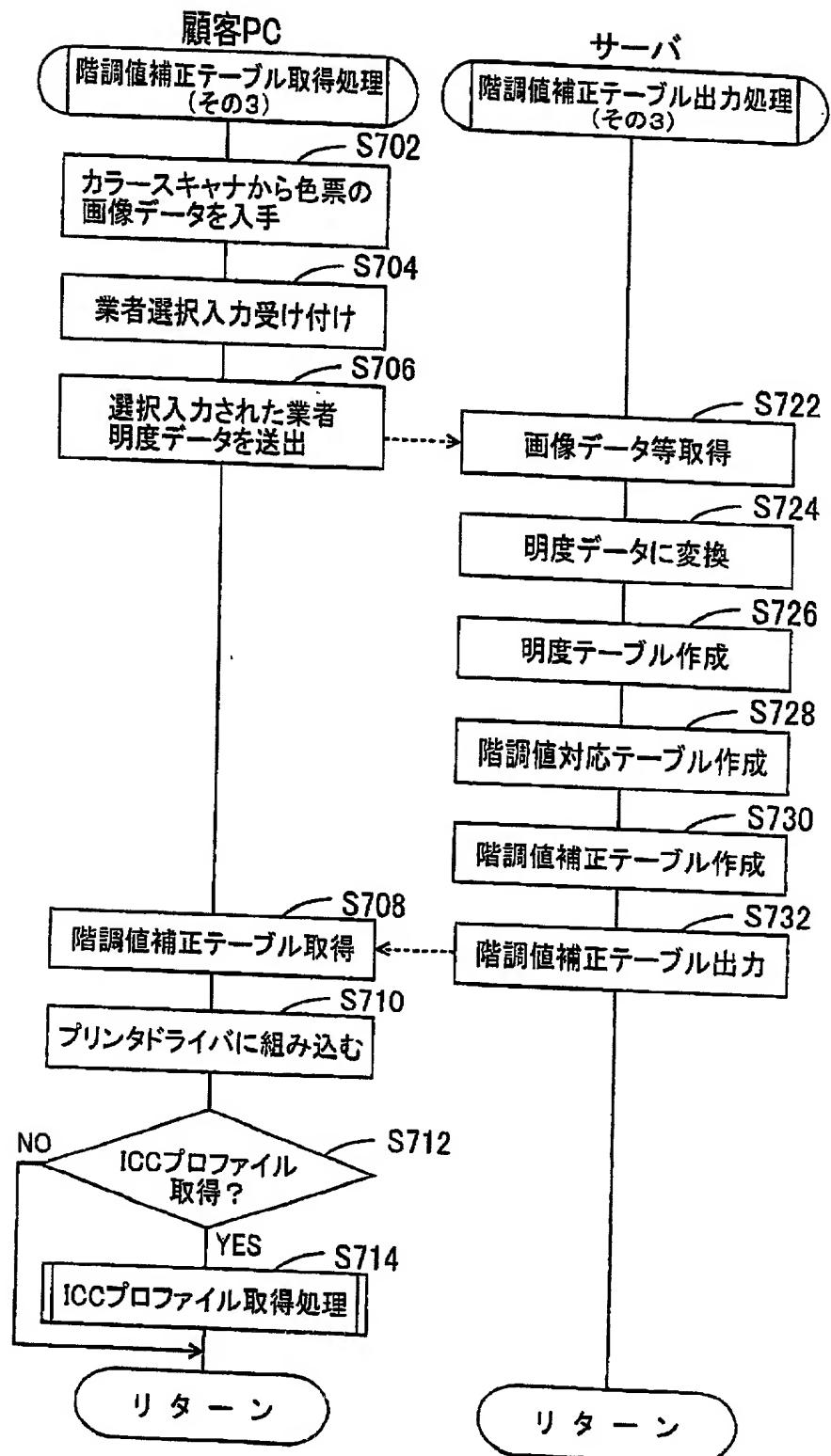


FIG.20

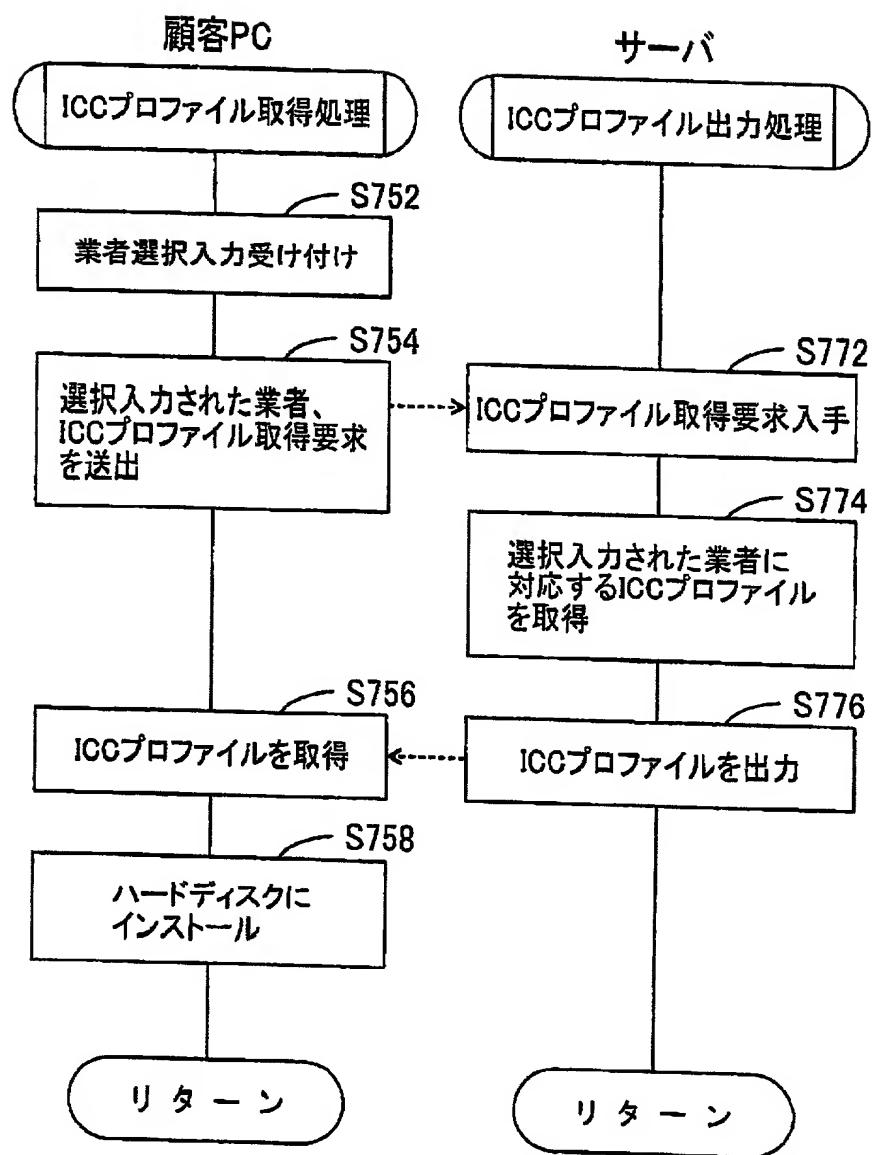


FIG.21

(メーカーが決めた標準色への)  
（色合わせを行う場合）

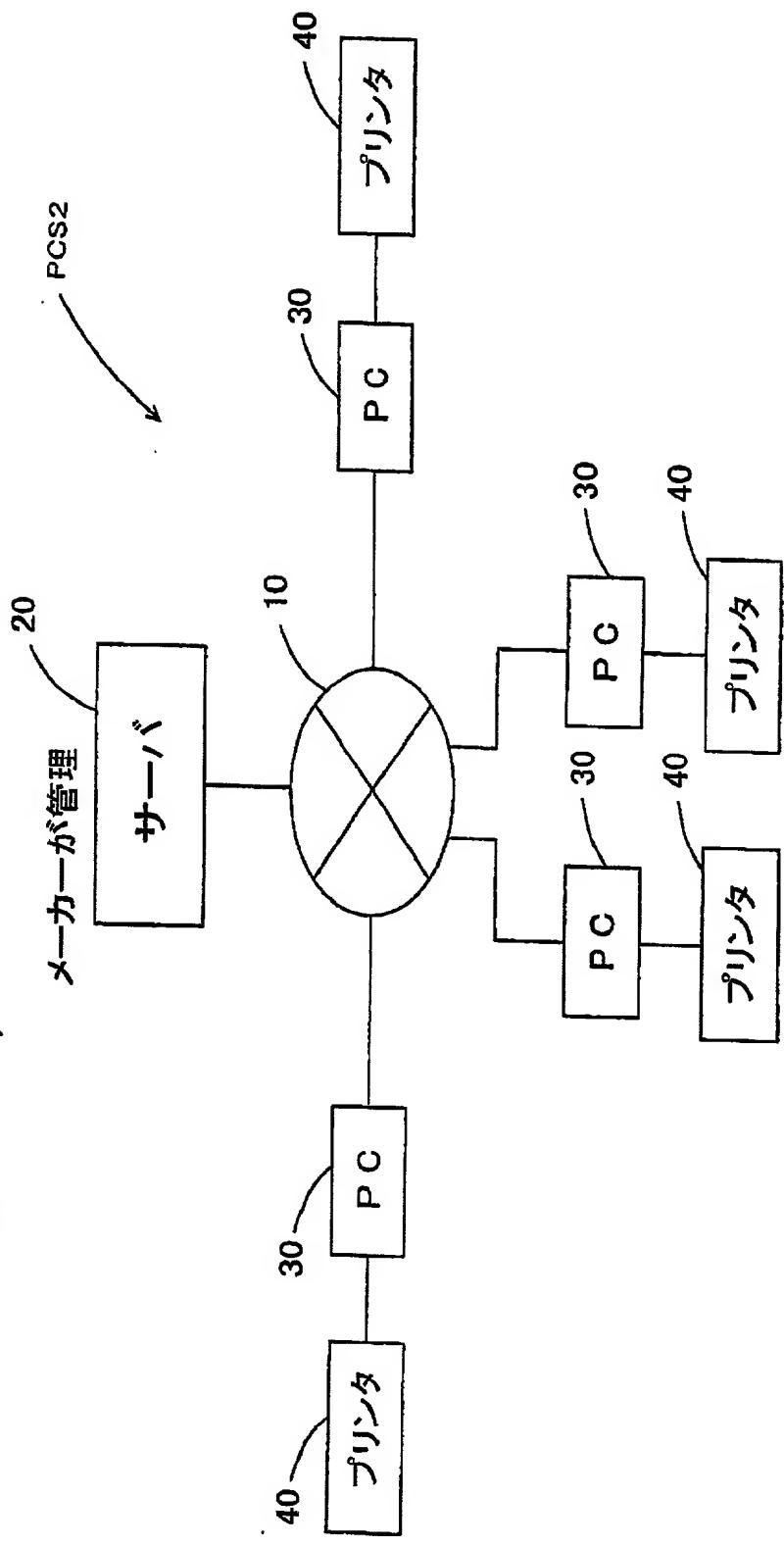
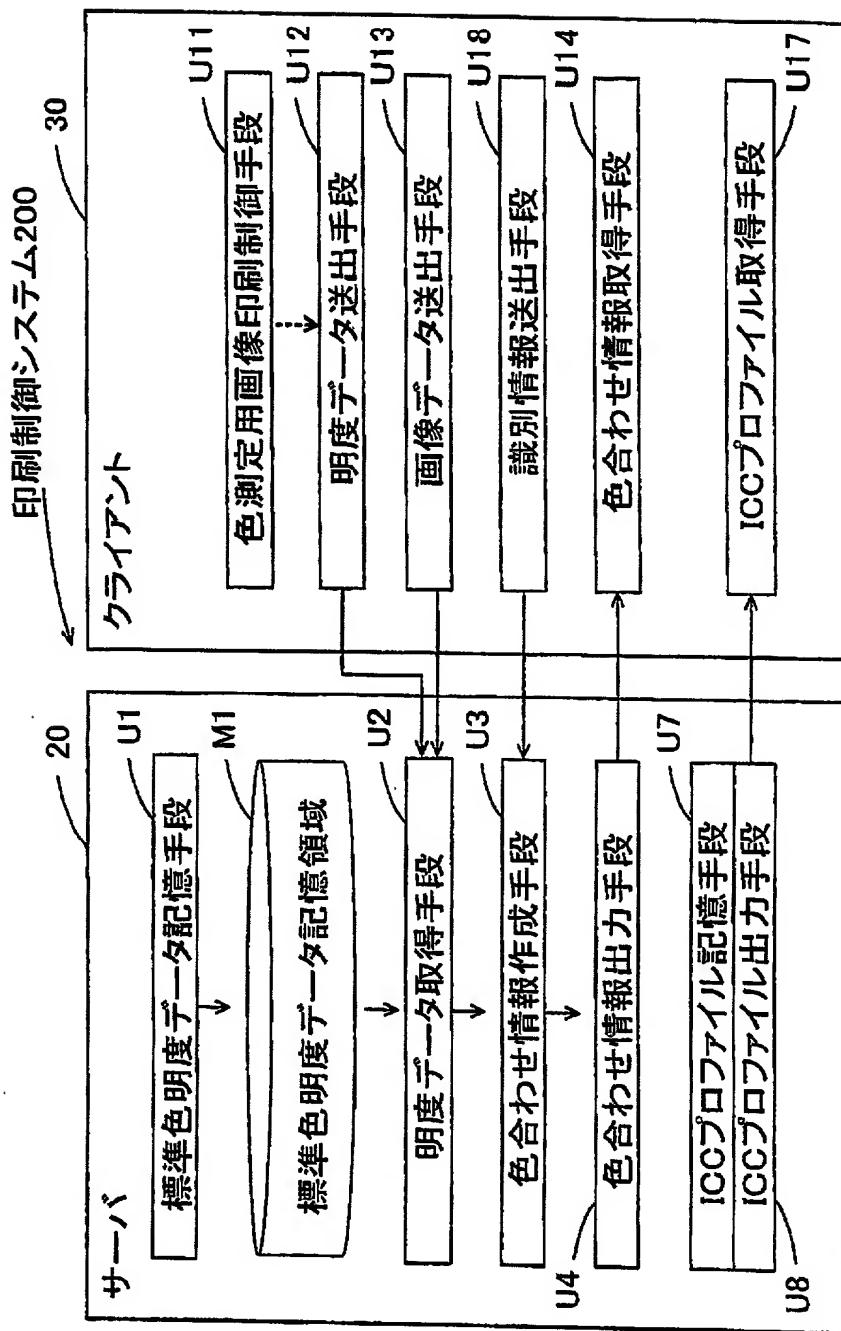


FIG. 22

FIG. 23



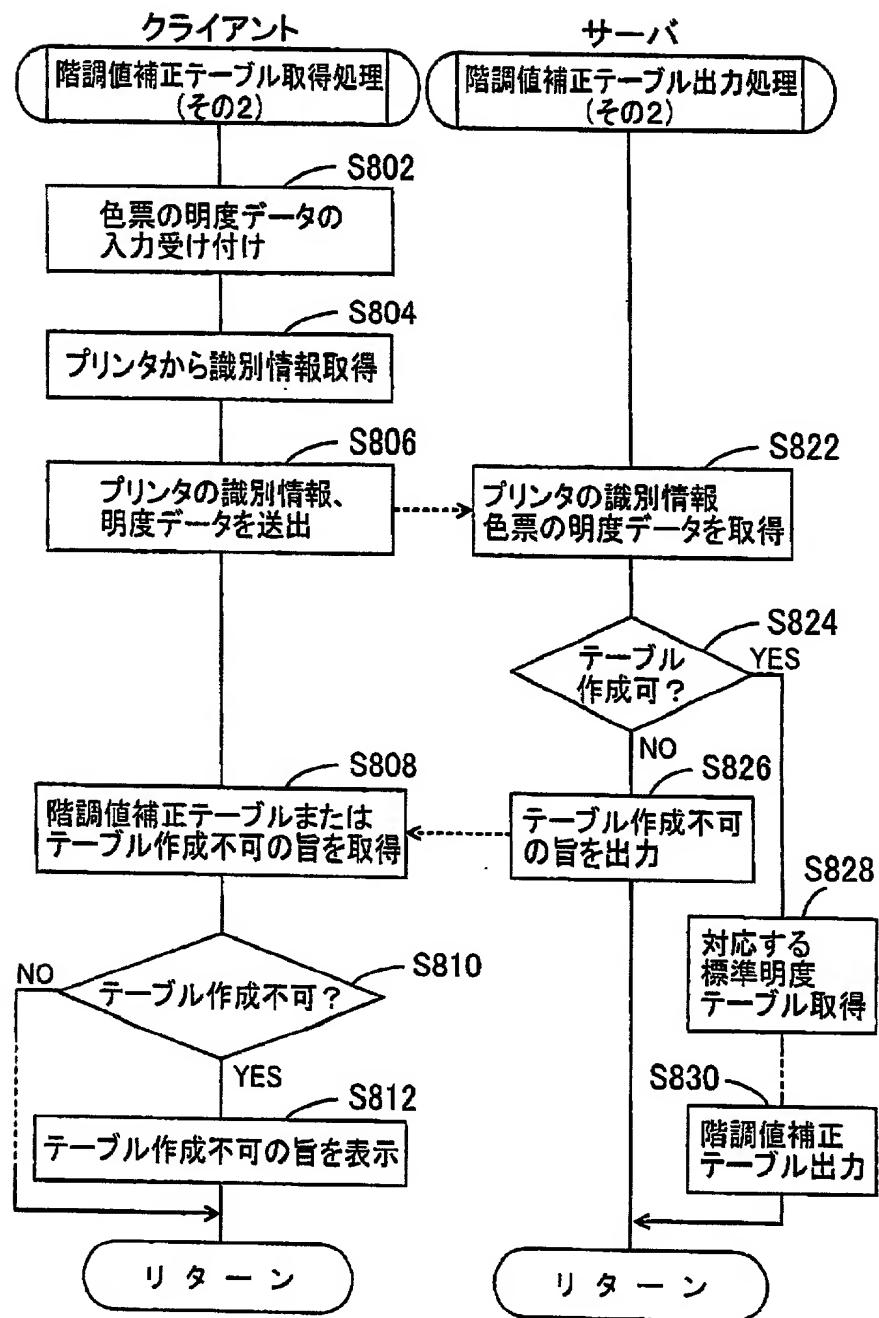


FIG.24

サーバ

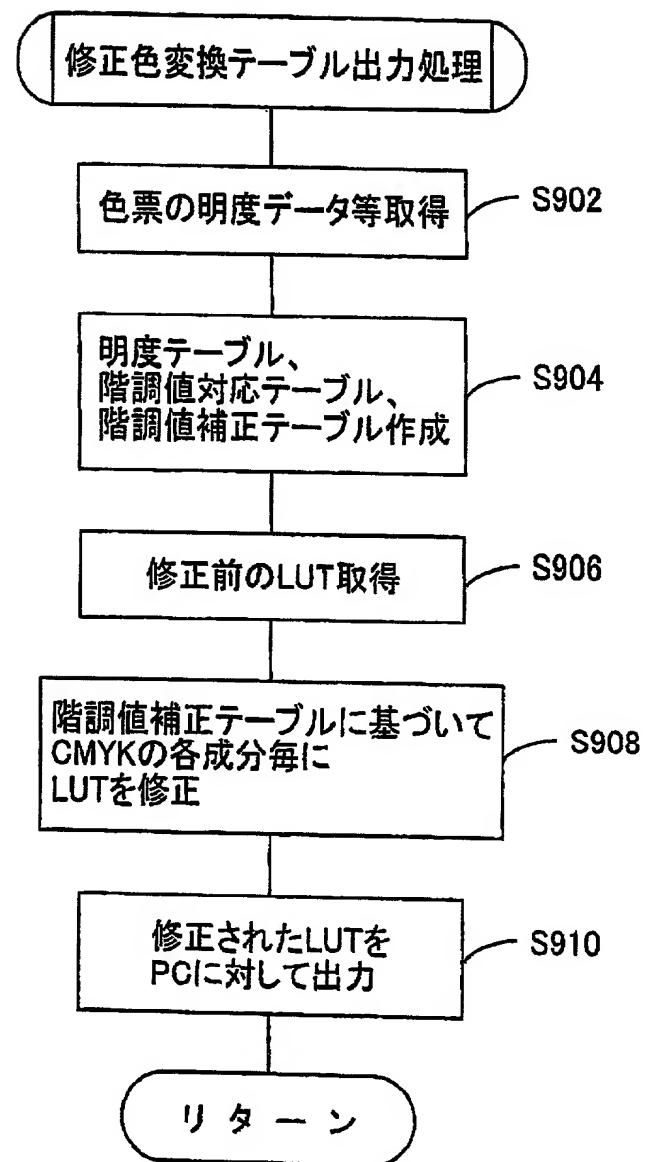


FIG.25

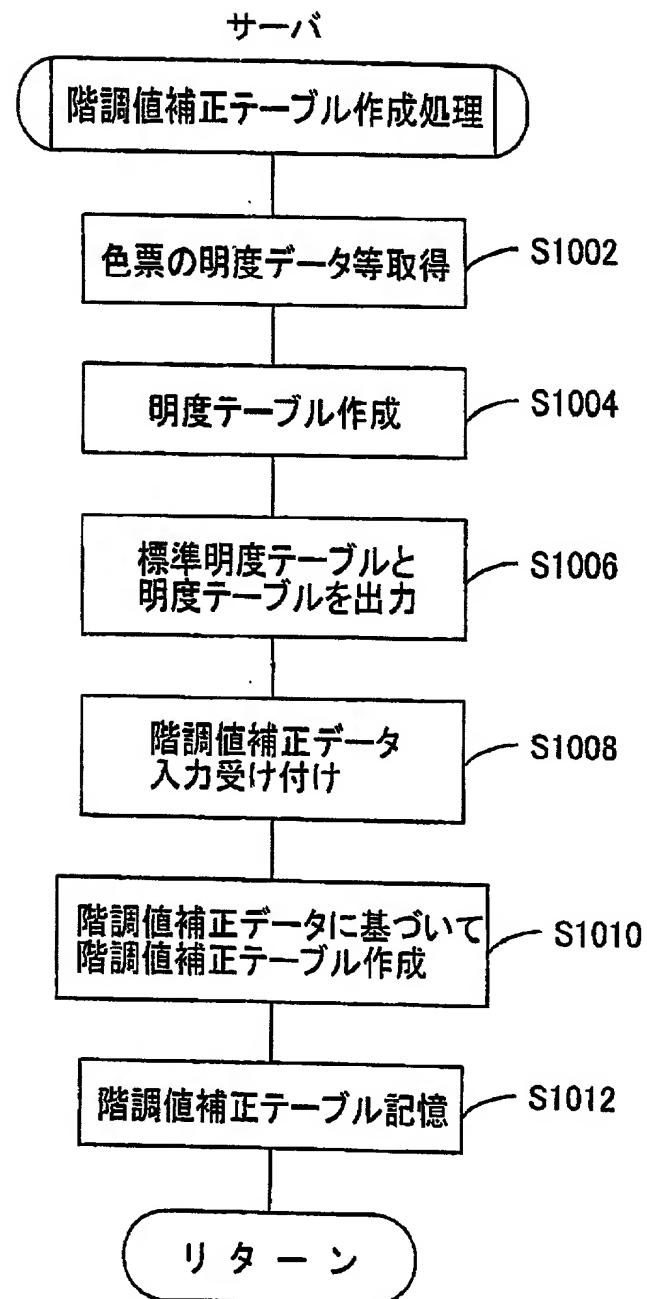


FIG.26

FIG. 27

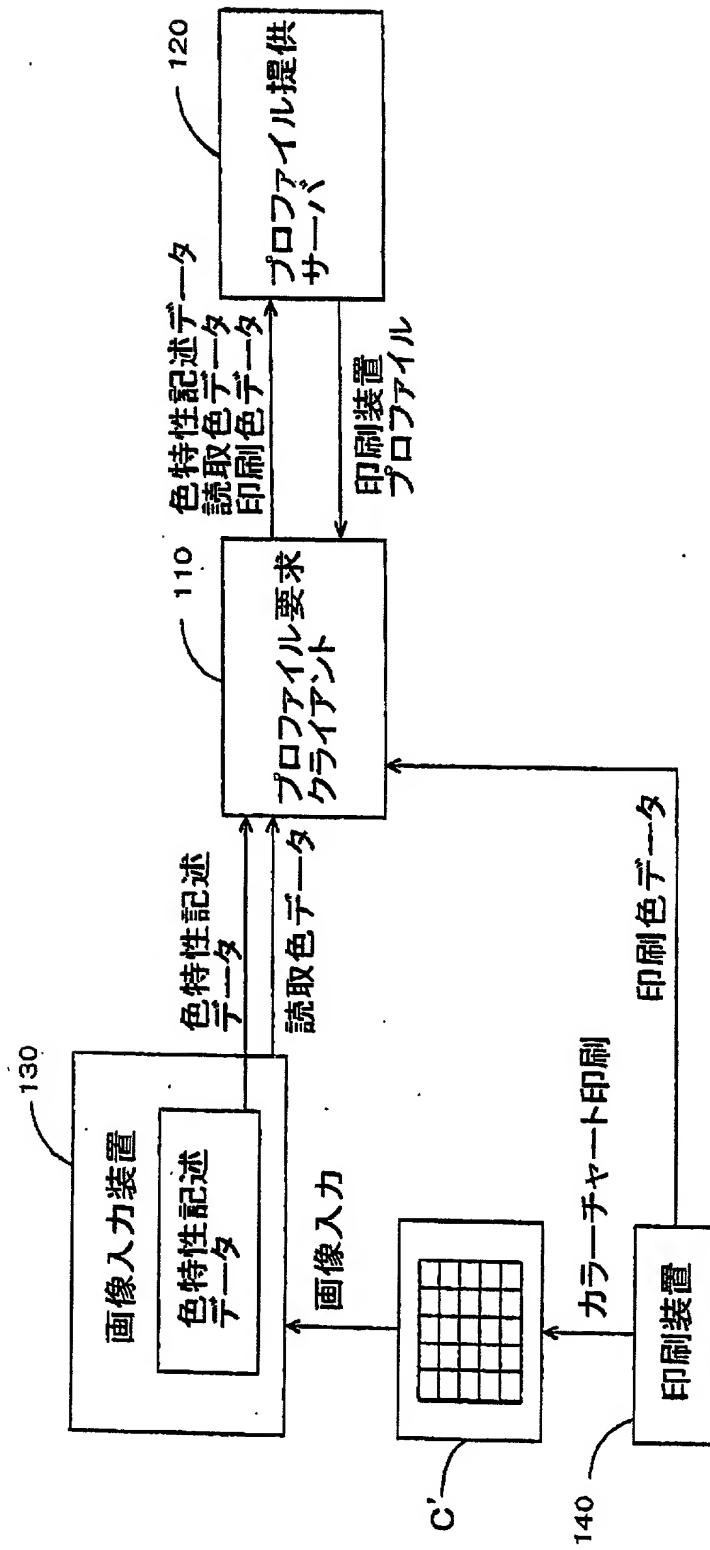


FIG. 28

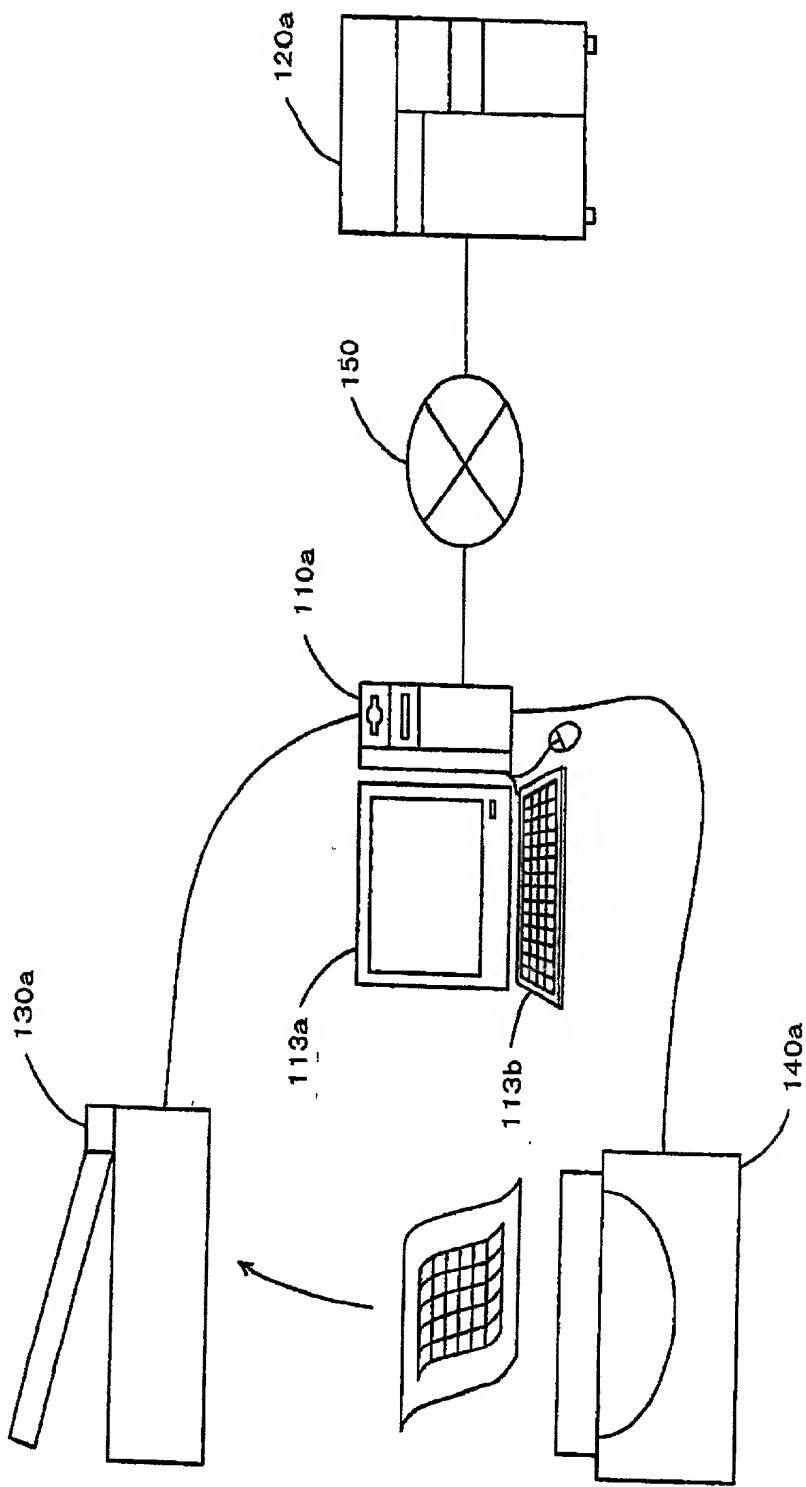


FIG.29

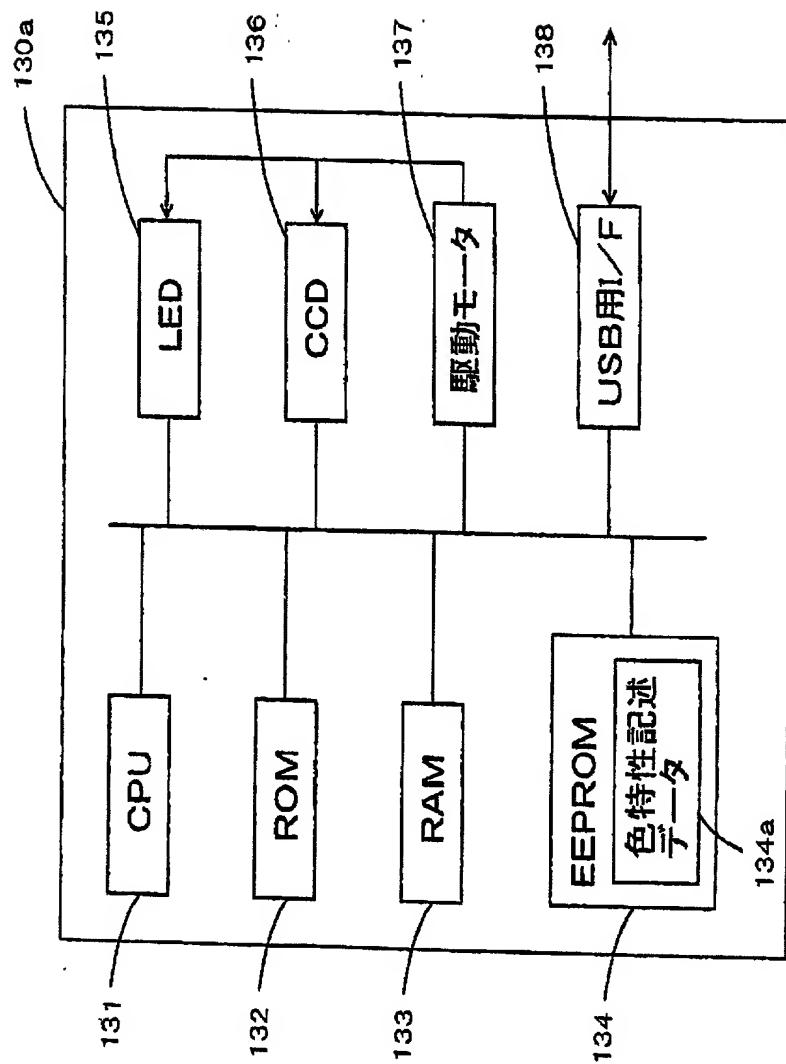
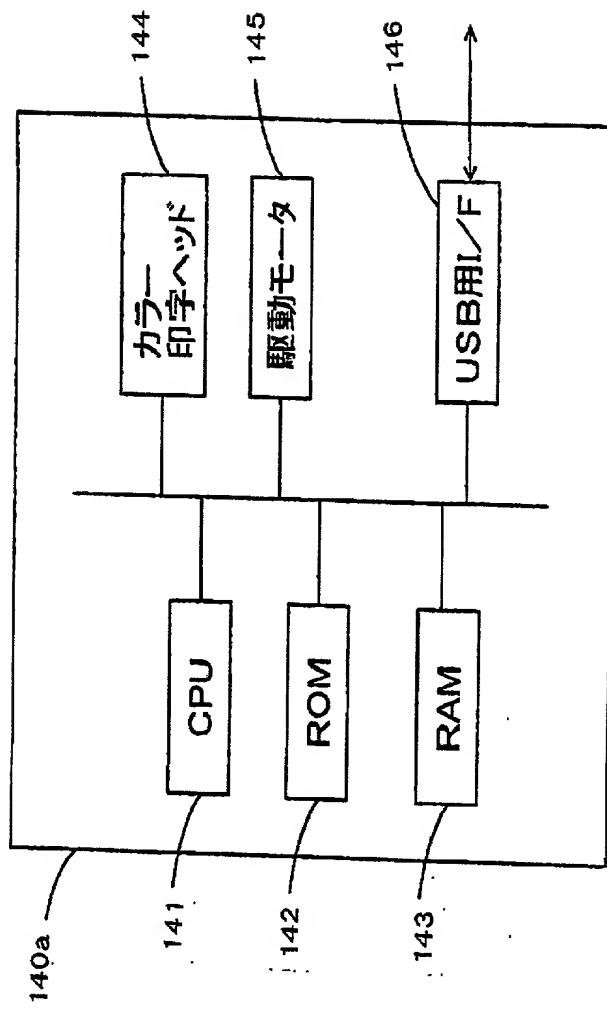


FIG. 30



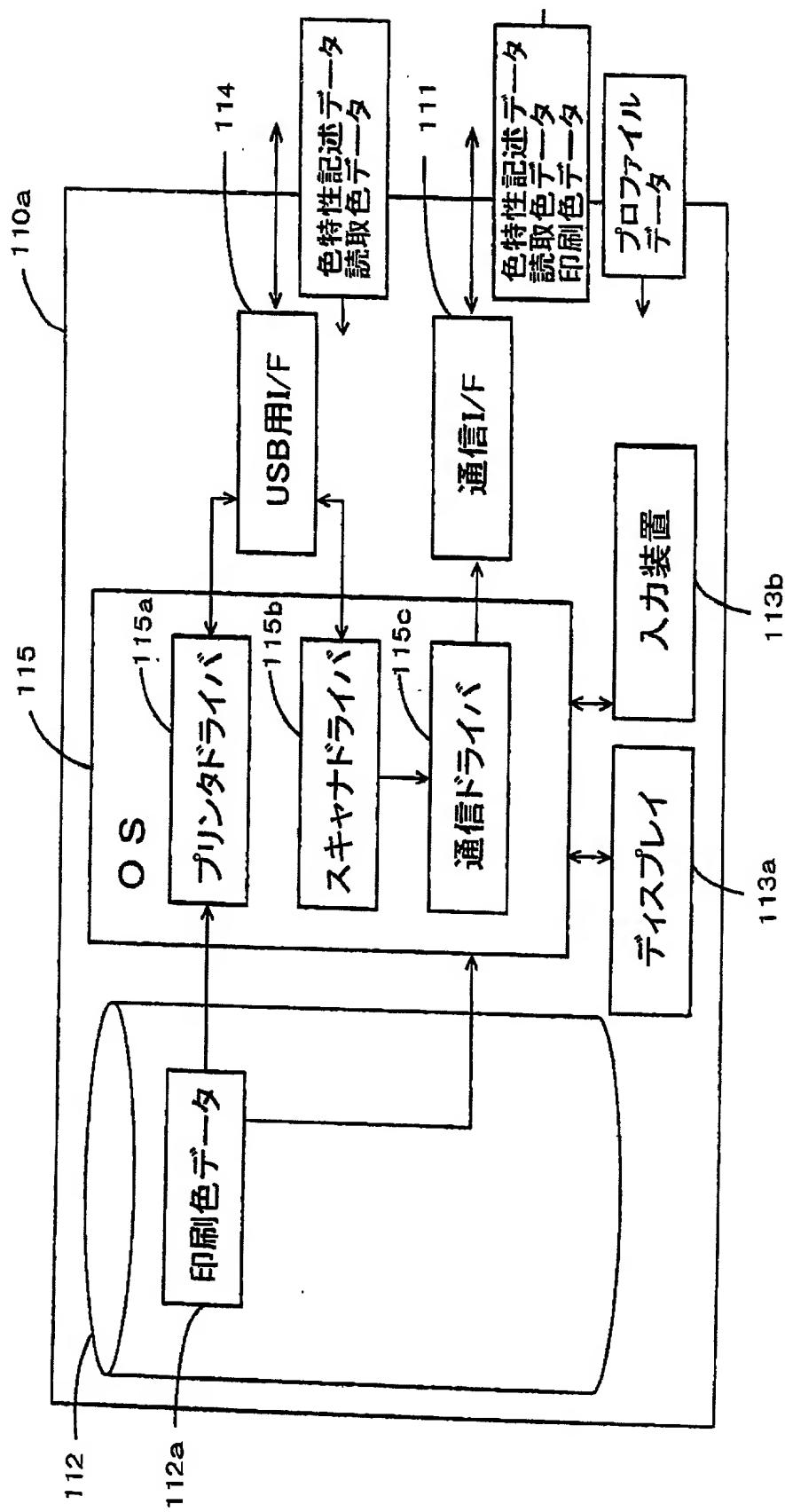
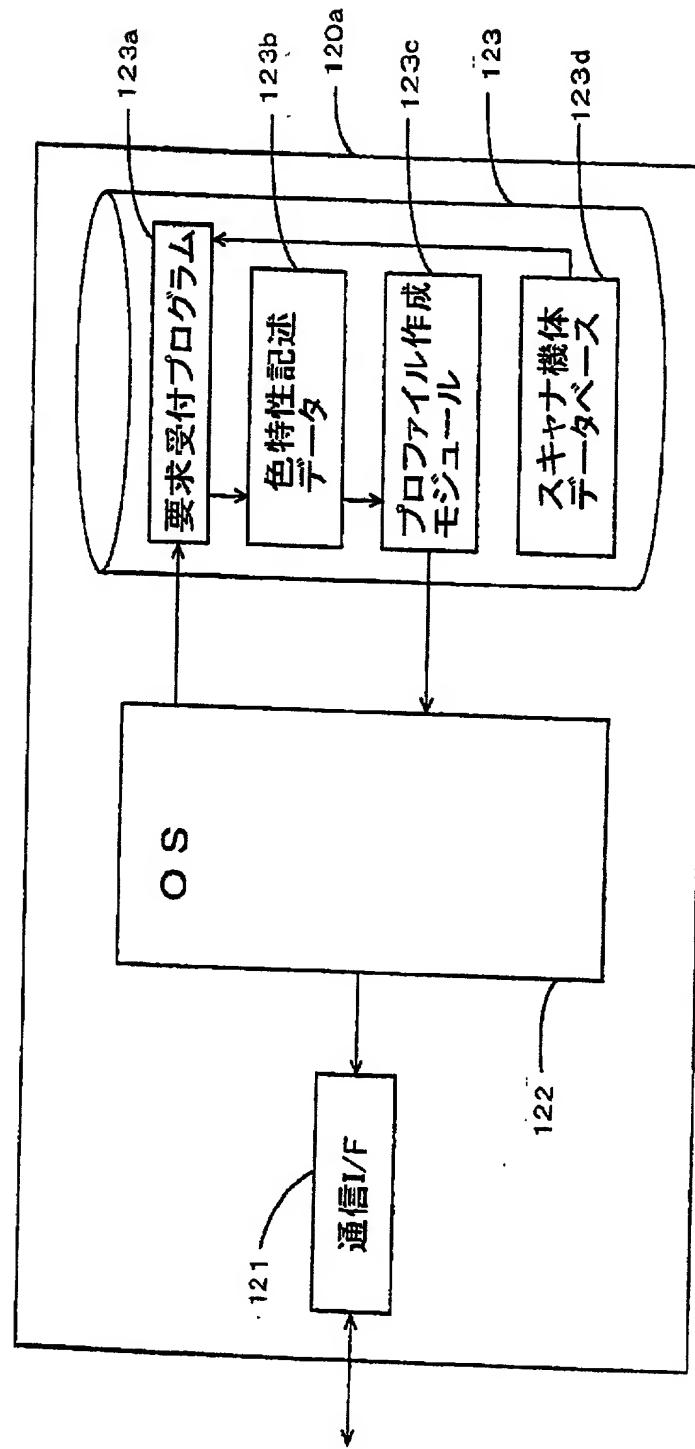


FIG. 31

FIG. 32



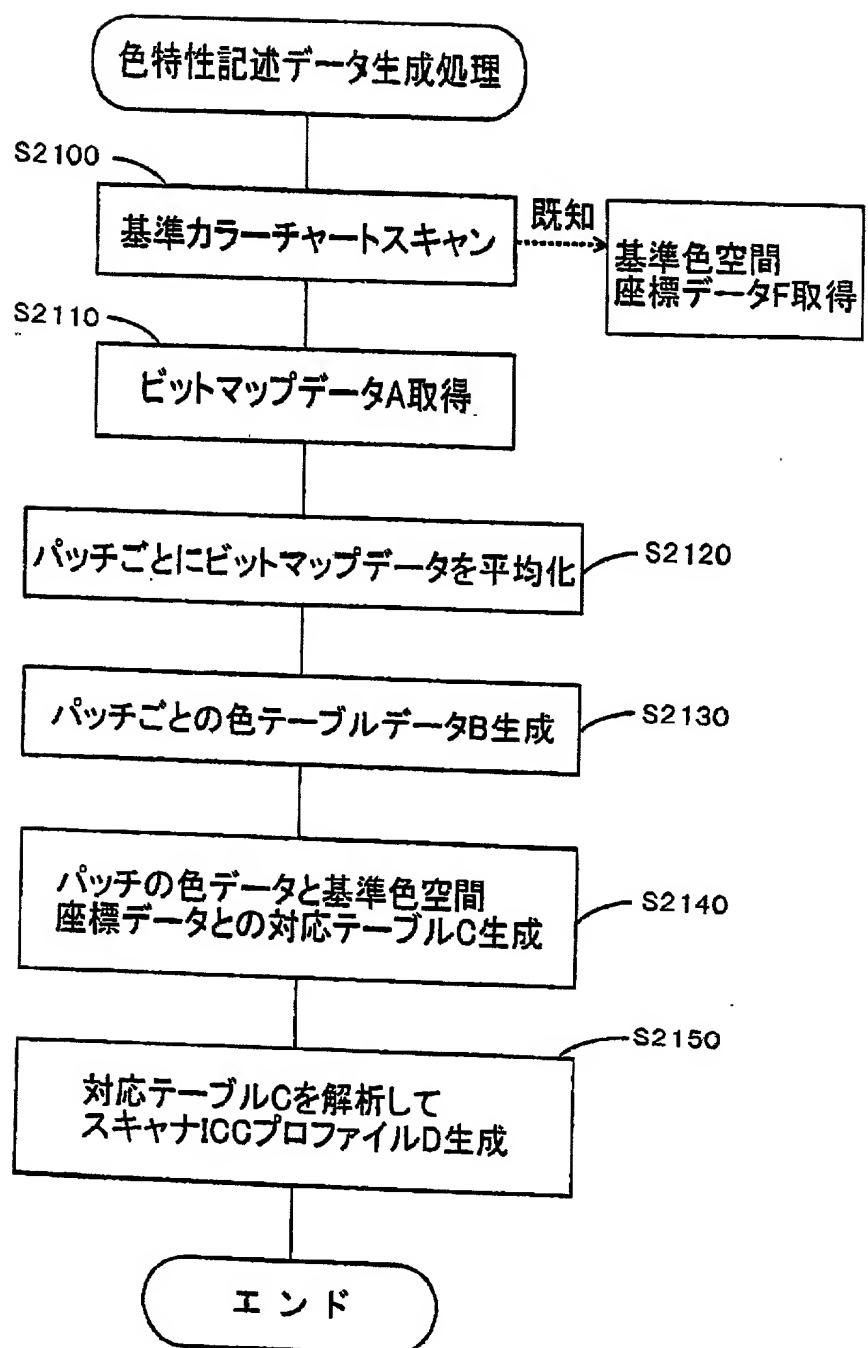


FIG.33

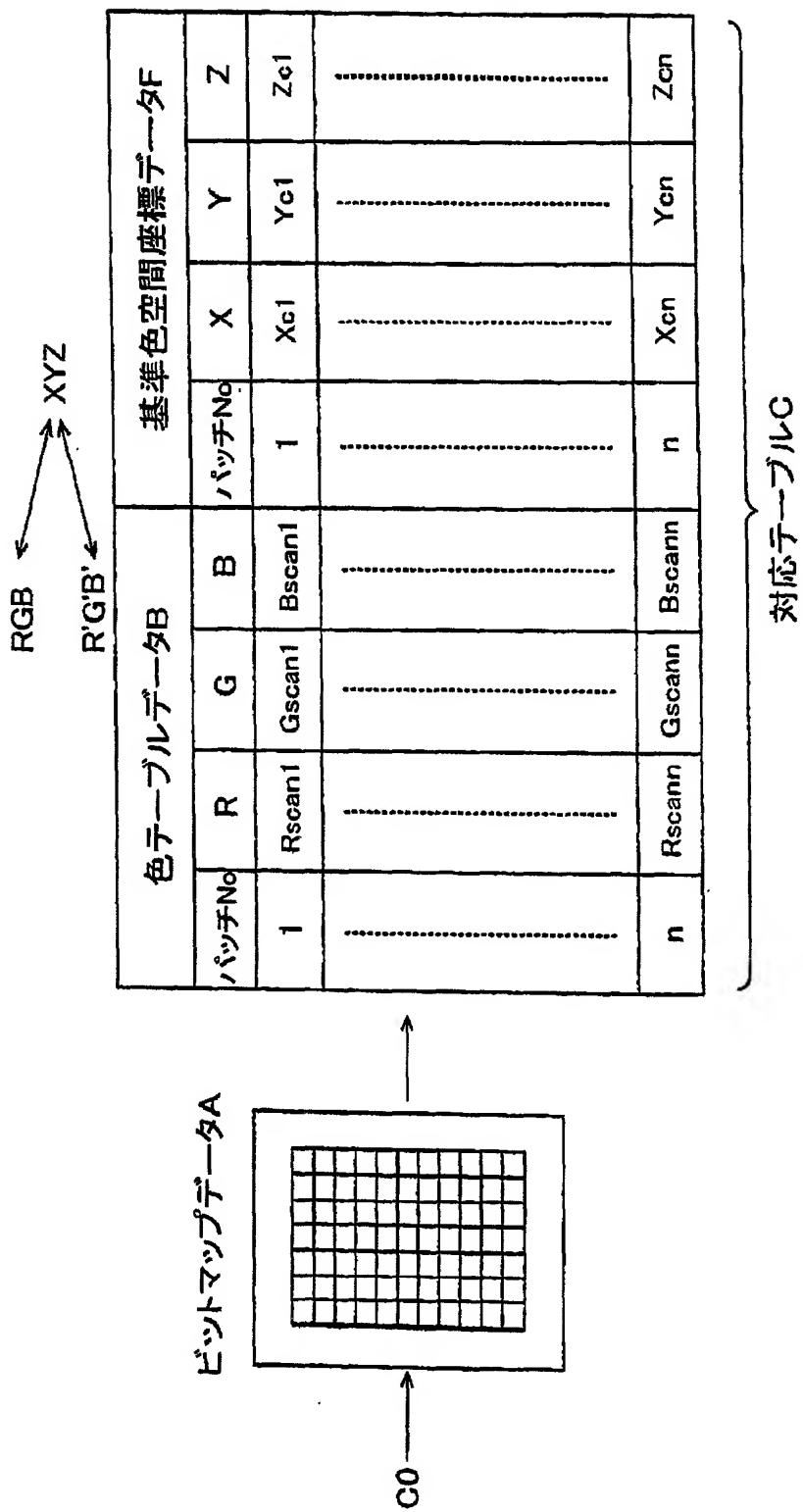
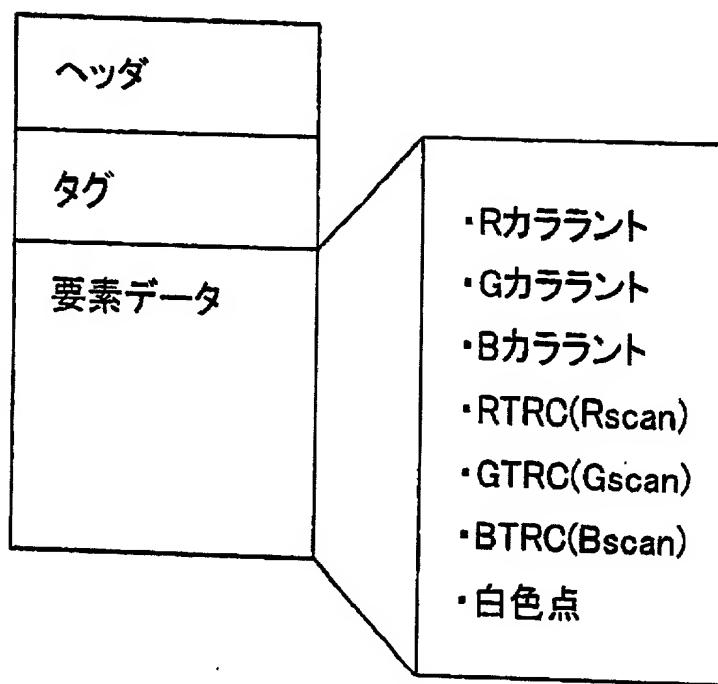


FIG. 34

## スキャナICCプロファイルD



$$\begin{pmatrix} X \\ Y \\ Z \end{pmatrix} = \begin{pmatrix} \text{カララント} \\ \text{マトリクス} \end{pmatrix} \begin{pmatrix} \text{RTRC(Rscan)} \\ \text{GTRC(Gscan)} \\ \text{BTRC(Bscan)} \end{pmatrix}$$

FIG. 35

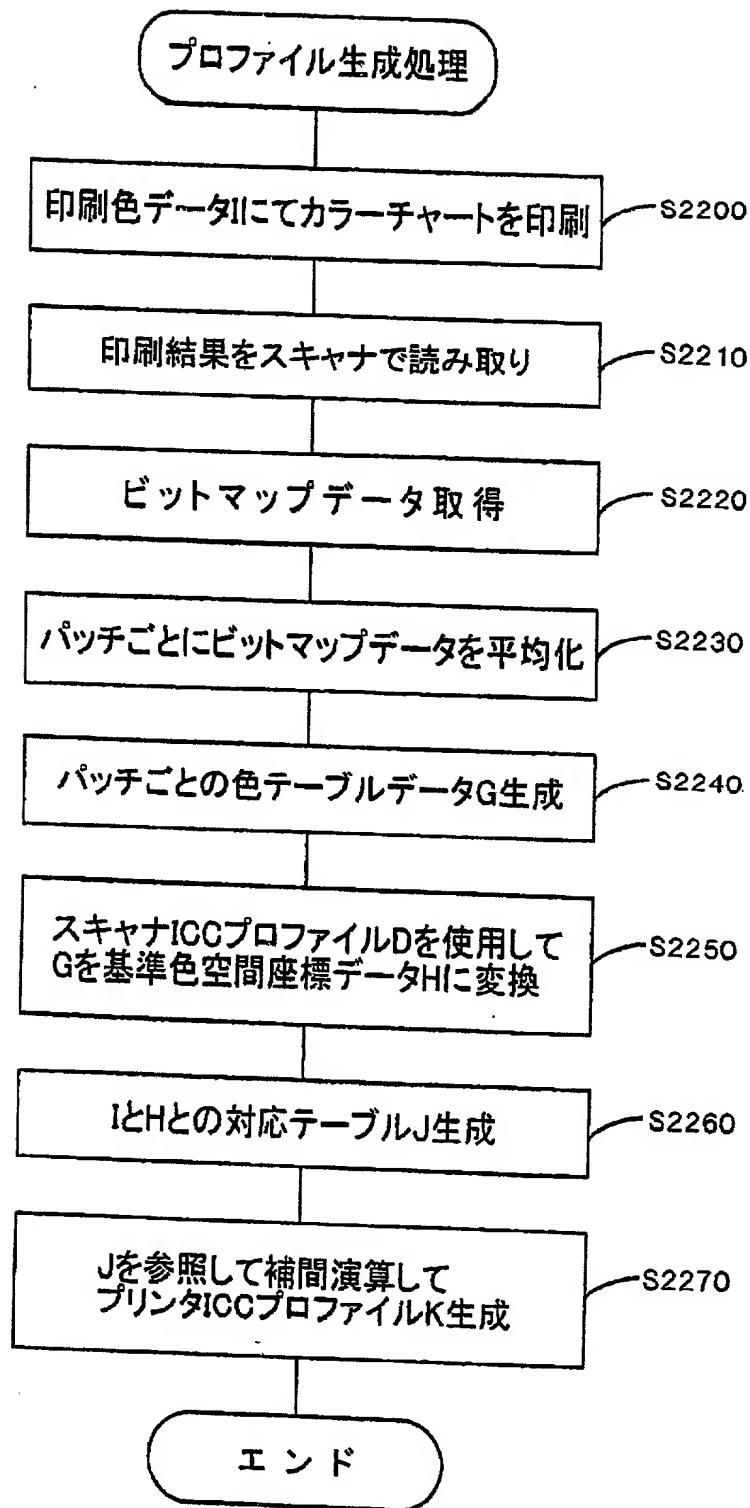


FIG.36

| 色テーブルデータ |         |         |         | 印刷色データ |       |       |       | 基準色空間座標データ |         |         |         |
|----------|---------|---------|---------|--------|-------|-------|-------|------------|---------|---------|---------|
| パッチNo    | R       | G       | B       | パッチNo  | R     | G     | B     | パッチNo      | X       | Y       | Z       |
| 1        | Rprint1 | Gprint1 | Bprint1 | 1      | Ront1 | Gont1 | Bont1 | 1          | Xprint1 | Yprint1 | Zprint1 |
| n        | Rprintn | Gprintn | Bprintn | n      | Rontn | Gontn | Bontn | n          | Xprintn | Yprintn | Zprintn |

RGB ⇔ XYZ ⇔ XY'Z'

対応テーブル

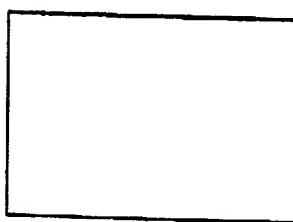
FIG. 37

## プリンタICCプロファイルK

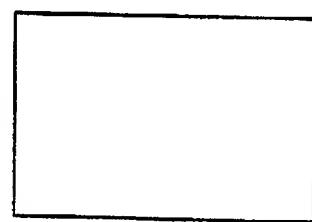
| X    | Y    | Z    |
|------|------|------|
| X0   | Y0   | Z0   |
| ---  | ---  | ---  |
| X255 | Y255 | Z255 |

| R    | G    | B    |
|------|------|------|
| R0   | G0   | B0   |
| ---  | ---  | ---  |
| R255 | G255 | B255 |

明度維持



相対的な  
色域維持



彩度維持

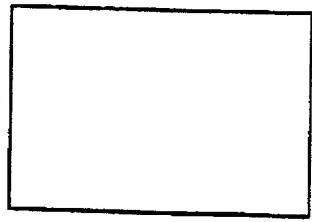
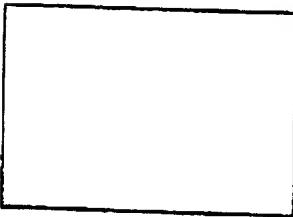


FIG.38

工 場

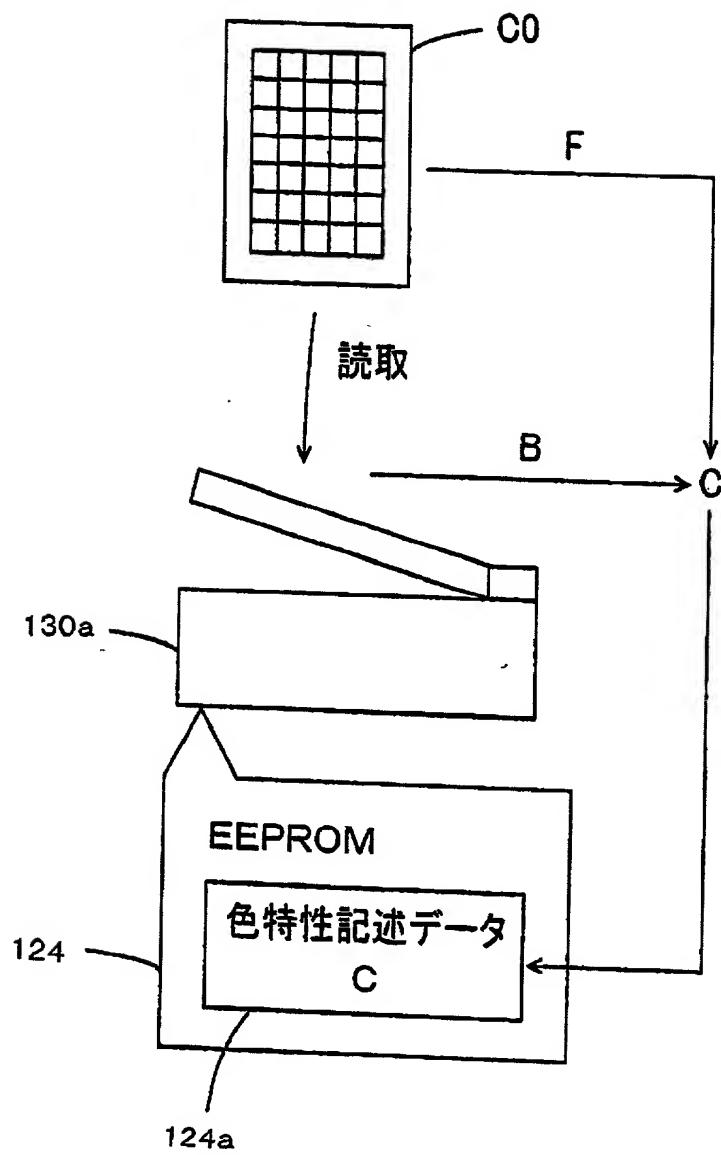


FIG. 39

## 利用者

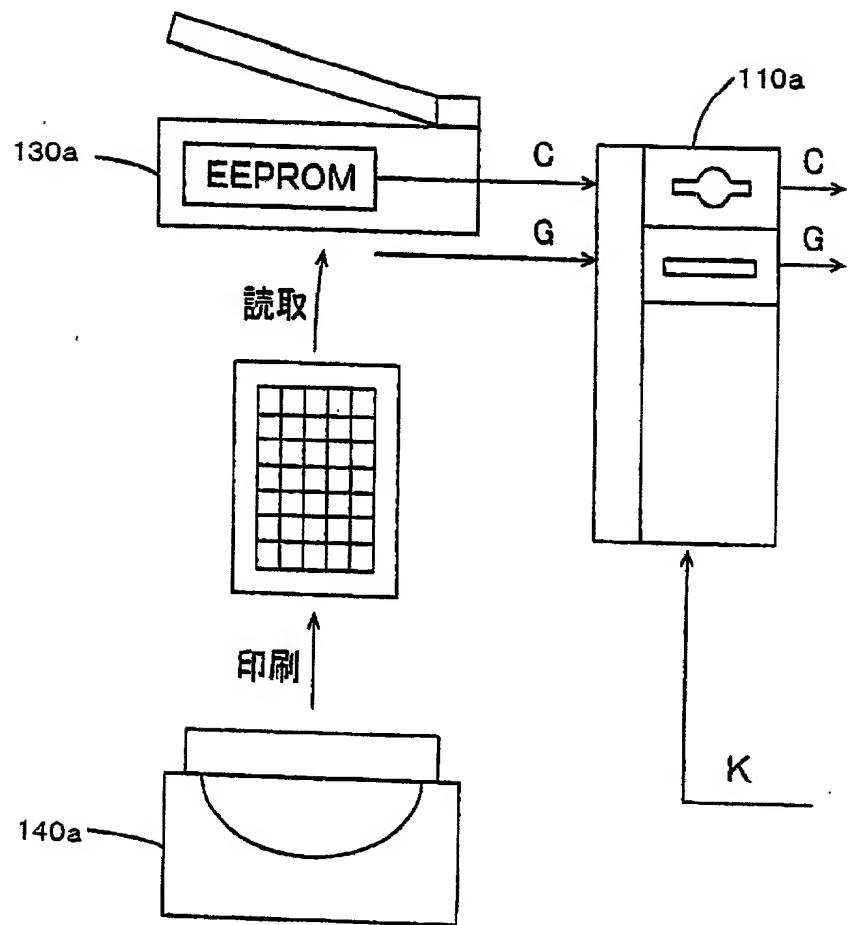


FIG. 40

サーバ

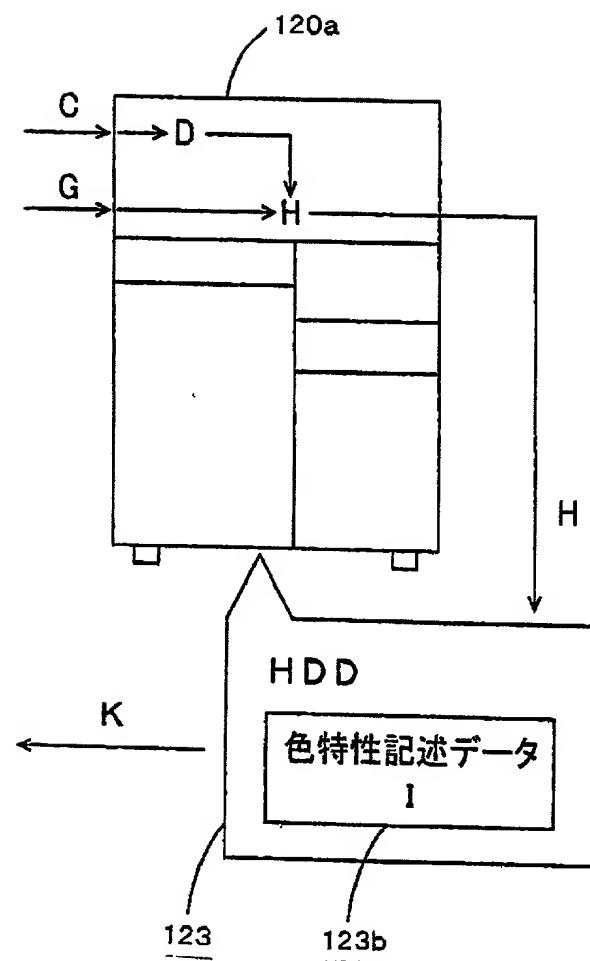


FIG.41

ICCプロファイル要求画面

・出力パッチをスキヤナから取り込む  
だけでICCプロファイルを提供します

・プリンタ名 P M - 8 8 0 C

・メディア 光沢フィルム

・印字品質 スーパーフайн

・パッチを印刷します  
A4用紙をセットして下さい

OK

FIG.42

・印刷されたカラーチャートを  
原稿台にセットして下さい

○ 入力フォーム

お名前:

住所:

支払い方法:

スキヤナICCプロファイル

プリンタICCプロファイル

PM - 880C

光沢フィルム

スーパーフайн

計: ¥ ...

申し込み

FIG.43

工場

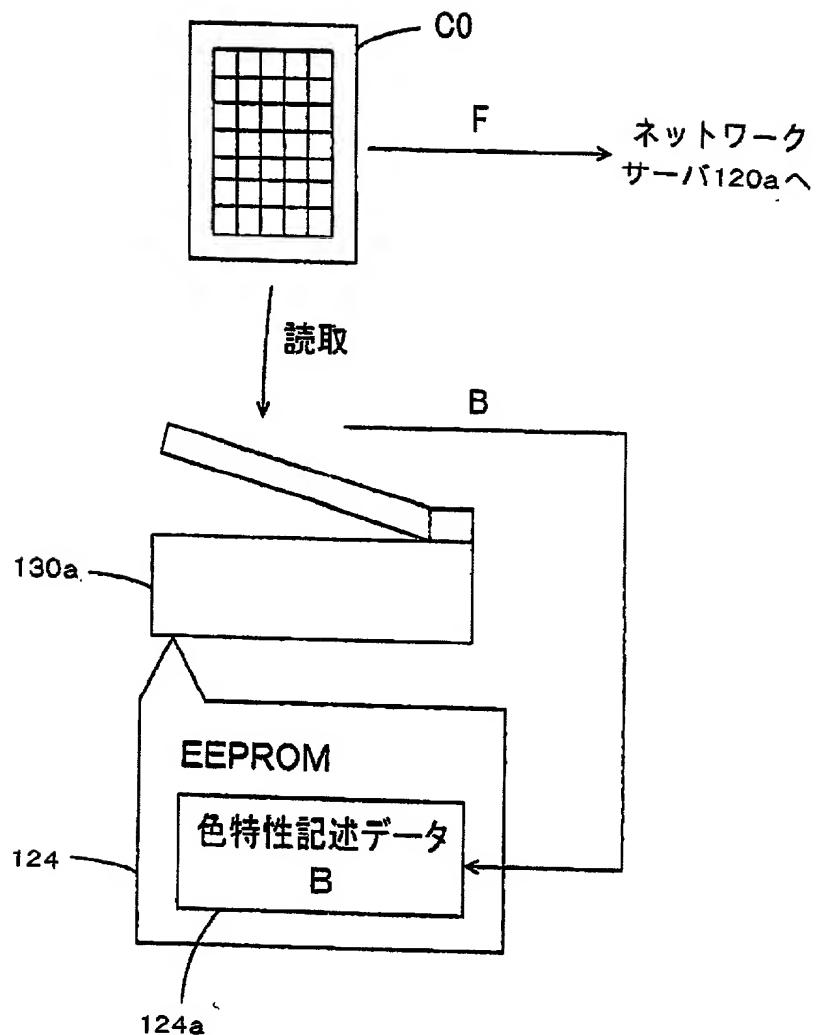


FIG. 44

利用者

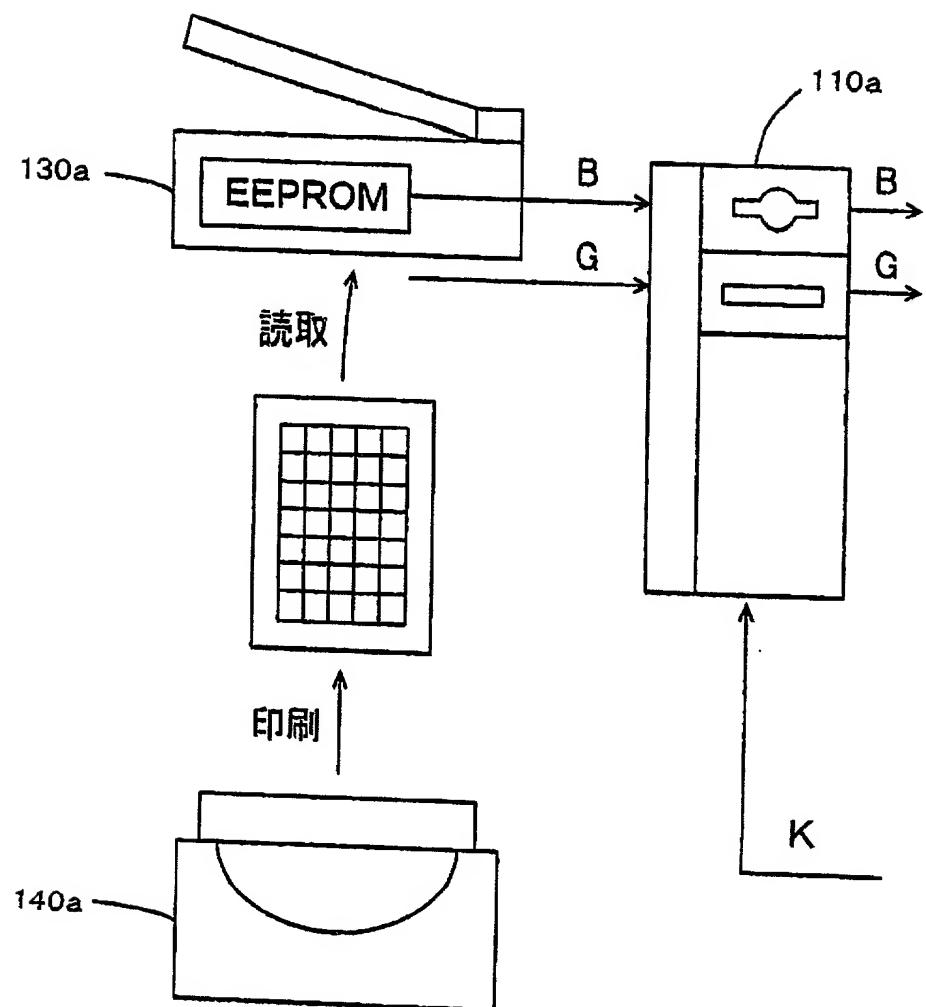


FIG. 45

サーバ

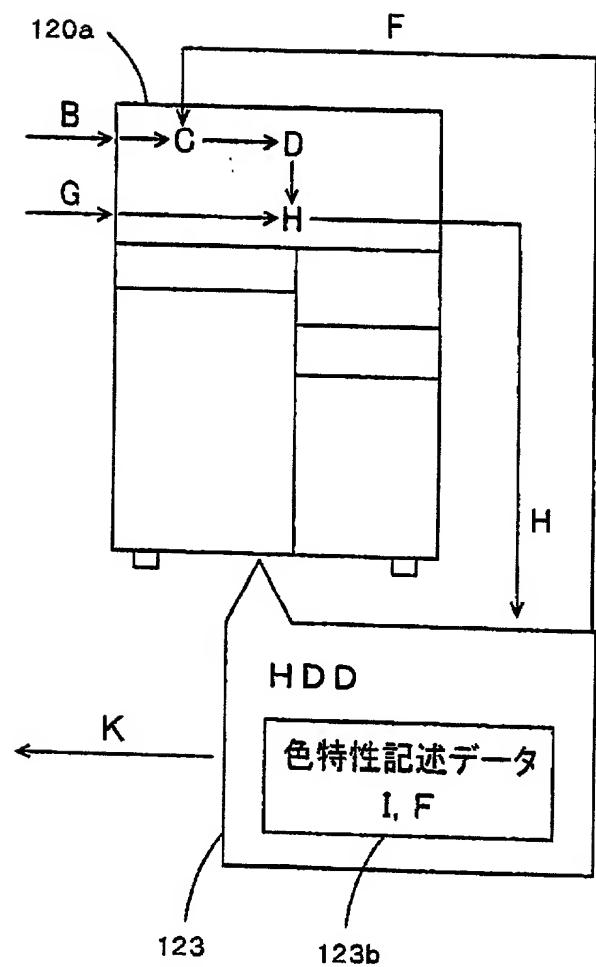


FIG.46

工場

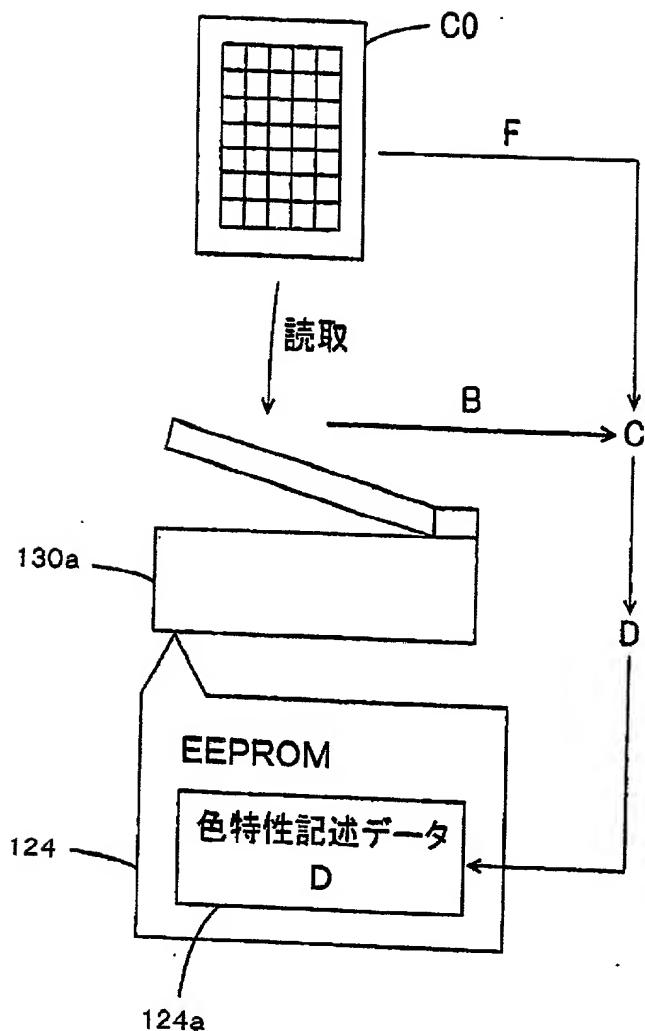


FIG. 47

利用者

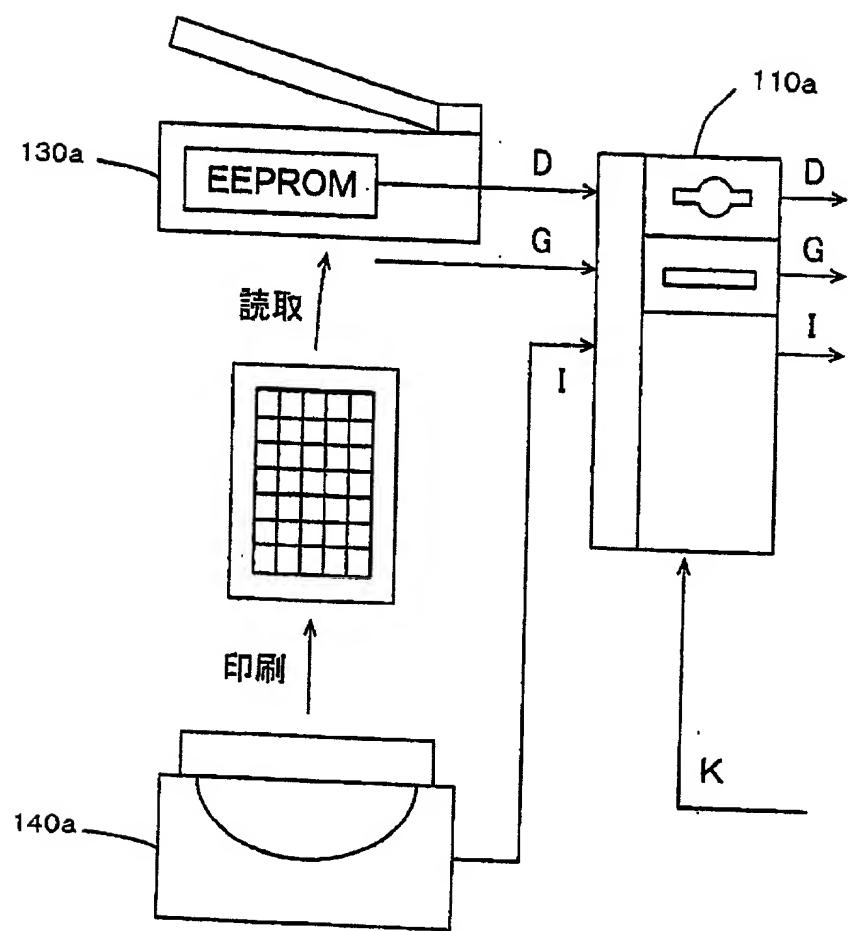


FIG. 48

サーバ

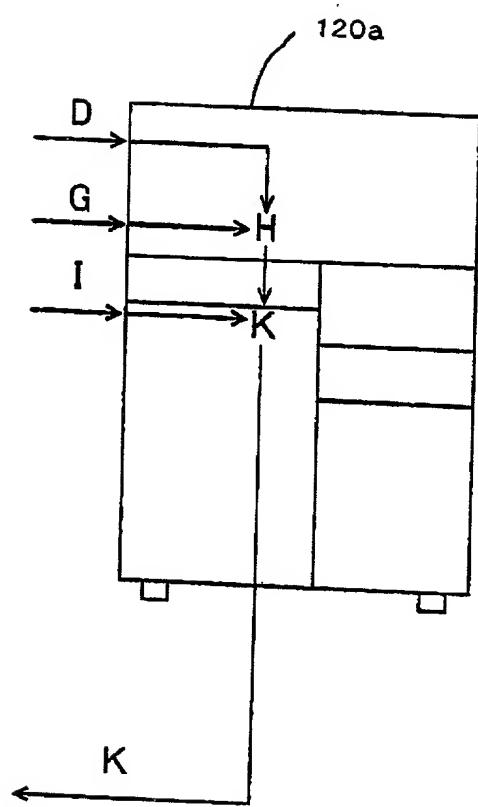


FIG.49

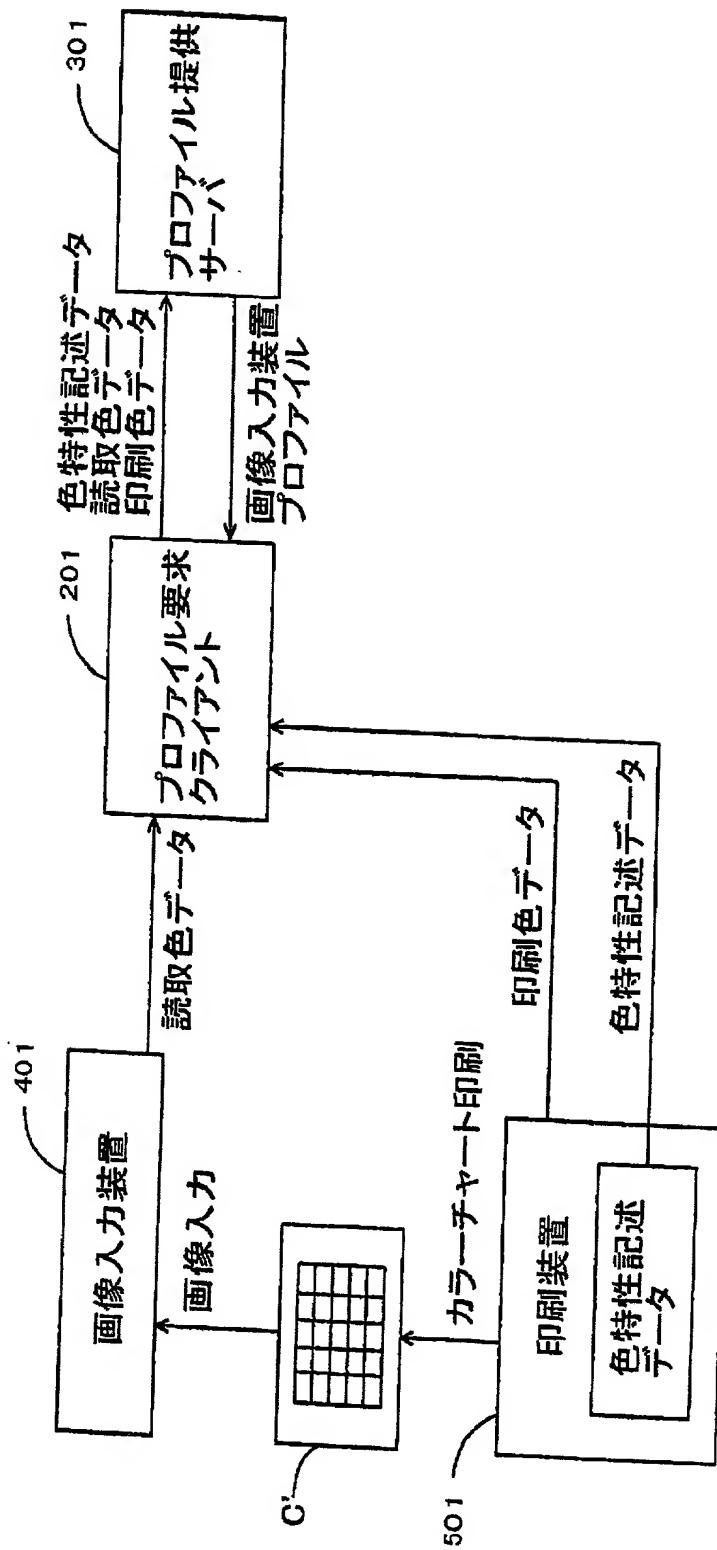


FIG. 50